

Full Stack Developer

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Objective: Experienced Web Developer, self-motivated, creative, and ambitious IT professional looking for an opportunity to bring a solid knowledge of programming, design, and media to a Front-end Developer position in an exciting and growing company.

Professional Summary:

- UI Developer with **10+ years'** experience in Software Analysis, design and development life cycle including agile Methodology using **JavaScript** libraries and frameworks like **Angular, React Js** and object oriented technologies.
- Worked on all phases of the application development lifecycle covering architecture, design, development, implementation and testing of Object Oriented Web based applications.
- Experienced in designing and implementing **single-page applications** with Angular and ReactJS.
- Experience working with **Custom Directives, Controllers, Services, Filters, Dependency Injection, Reactive Forms, Templates, Modules, Components, Pipes** in **Angular**.
- Good Experience in **ReactJS** for creating interactive UI using One-way data flow, **Virtual DOM, JSX, and Redux** concepts.
- Strong understanding of **JavaScript ES6+** and modern front-end development practices.
- Worked extensively on **React JS, Redux, Next JS, Angular 2.x, Angular JS, Node JS, Java script, HTML5, SCSS, JavaScript, responsive design**.
- Experience in Developing and managing server-side components using **Node JS, Express JS**.
- Proficiency in building responsive and mobile optimized websites using **Bootstrap** framework and **LESS, SCSS (CSS Preprocessor)**.
- Experience in **banking, manufacturing, and Business Integration and media** domains.
- Experience in **Restful and SOAP API's integration** and extensive experience of integrating services via **Ajax** using **JavaScript, JQuery, and Node.js**.
- Hands-on experience with web technologies such as **HTML 4/5, CSS 2/3, SASS, SCSS, BEM, LESS, Bootstrap**.
- Developed and deployed a suite of microservices using Node.js, Docker, and Kubernetes, reducing monolithic application complexity and improving scalability by 50%.
- Developed and maintained serverless frontend applications using AWS Lambda functions and containerized microservices deployed on AWS Elastic Container Service (ECS), leveraging Docker containers for encapsulation and AWS Fargate for serverless compute management, resulting in enhanced scalability and flexibility of applications.
- Strong work experience in designing in Coding, Design review and code review.
- Extensively worked on many products related to Business Connect **BW, BPM**, Manufacturing, Logistics and BFSI Domain.
- Hands-on experience developing responsive **UI** design using **CSS3** media queries, **SCSS, Bootstrap, and Flex**.
- Experience developing web applications that support Accessibility guidelines and Internationalization.
- Developed Single Page Applications using features of **Angular 4/6/8/10/12/13, Typescript**, and was involved in Test Driven development by unit testing the applications in **Jasmine** and **Karma**.
- Good understanding of **Algorithms** and **Data Structures**, and exposure to **Restful web services**.
- Working knowledge of version control tools – **GIT, SVN**, and version control repositories – **Bit bucket, Stash**.

- Working knowledge of continuous integration (CI) tools **Git, Gradle and Jenkins**
- Experience with build tools such as **Web pack, Babel, Gulp, or Grunt** to automate tasks like **bundling, minification, and optimizing assets**.
- **Performance tuning** of UI application to make it optimized.
- Experience in tools like **Chrome DevTools, Firefox DevTools**, in React and Angular to measure rendering and JavaScript performance.
- Experience in optimize rendering by using **Flexbox and gridlayout, Lazy loading, Code Splitting, State Management, caching and compression**.
- Experience in **cross browser testing** in various devices to ensure consistent performance across different environments.
- Worked extensively on **Web Performance Optimization** to improve website performance, including minimizing **HTTP** requests, optimizing images, and reducing load times.
- Comfort with using the command-line interface for tasks such as **running scripts**, managing packages, and interacting with version control systems.
- Awareness of web accessibility standards (**e.g., WCAG**) and the ability to implement practices that make web applications usable by people with disabilities.
- Working collaboratively through an agile development – **SCRUM, KANBAN**.
- Ability to write clear, well-documented, well-commented, and efficient code for web development.
- Excellent communication and interpersonal skills, self-motivated, thrives on collaboration with people as a good team player.
- Proven ability to learn new technologies quickly and apply gained knowledge to address business problems.
- Having good administration experience in maintaining **Atlassian** products like **JIRA, Confluence, GITHUB, SVN and Service Now**.
- Good experience on Java development skills using **J2SE, J2EE, JDBC, Oracle and AIX** servers.
- Worked using **AWS** services, load balancers along with a wide and in depth understanding of each one of them.
- Good knowledge and exposure to applications and architectures which include web-based client -server application development projects.
- A software engineer and player with excellent interpersonal skills and comprehensive problem solving abilities.
- Quick adaptability to changing technologies and meeting new requirements successfully through a systematic and organized approach.
- Have been **mentoring** the junior team members and also in the **recruitment** process by taking up **technical interviews** for the company.
- Experience in Sprint planning estimations and work assignment to the team.

Technical Skills

Programming Languages: C, Java, Node.JS

Methodology: Agile, Waterfall, SCRUM, TDD

UI-Web Technologies: HTML4/5, CSS2/3, CSS Animation, SASS, LESS, JavaScript, ES6, Typescript, AJAX, jQuery, JSON, Web CMS, Twitter Bootstrap, and Bootstrap, UX prototyping, Media Queries, Responsive Web Design

Front-End Frameworks: Angular 2/4/6/8/12/13, Angular js, React js, Redux, Typescript, Babel, Backbones js.

Build Tools: Webpack, Gulp, Grunt, Babel, Gradle

Package Managers: npm, Yarn, pnpm

Testing/ Debugging: Jamsine, Karma, Protractor

Web/App Servers: WebSphere, Web Logic, JBoss, Apache Tomcat

IDE & Tools: Web Storm, Net Beans, Adobe Dreamweaver, Edit Plus, Visual Code, Eclipse, putty, WinSCP

Operating System: Windows, MS DOS, UNIX, Linux, IOS

Wireframe Tools: Invision, Figma, Sketch, Adobe Illustrator, Zeplin

Databases: MongoDB, Microsoft SQL Server 2012/2008, MySQL, Postgre SQL

Web services: Restful, SOAP, Web API, REST API.

Version Controllers: SVN, CVS, GitHub, Bit Bucket.

CICD Pipeline: Git, Gradle, Jenkins

Work Experience:

Maryland Department of Human Services – USA

Sr. Full Stack Developer

August 2023- Present

MD THINK is a cloud-based data repository that uses a scalable, pay-as-you-go, cloud-based platform. It is designed to break down data barriers between State agencies and provide integrated access to programs administered by the Department of Human Services and several agencies, including the Maryland Department of Health, the Department of Juvenile Services, and the Department of Labour, Licensing, and Regulation. MD THINK will streamline service delivery for the most vulnerable Marylanders, including children in foster care, disconnected youth, and families in need.

Roles and Responsibilities

- As part of the agile development process I am involved in the design, development, testing and deployment of web applications using the front end technologies like HTML5, CSS3, **Bootstrap, JavaScript, Angular 13, Angular JS, Angular Material, Redux Node js**. Translate designs to front-end code, estimate time and costs, and determine developer requirements and specifications.
- Contribute to the development of “CJAMS (Child, Juvenile and Adult Management System) by State of Maryland” in Angular and Node js programming.
- Responsible for planning, estimating, requirements gathering, design and development of web applications and enhancements to existing applications using **Angular, Node js, Web Services, PostgreSQL, Mongo DB**, spring boot.
- Collaborate with Project Managers, Application Developers, QA Analysts, and Business Users in the development of web applications as needed for the business process.
- Involved in User Interface development and defect fixes using Angular, Typescript, HTML, XML, JSON, CSS and Bootstrap.
- Developed multiple microservices using Nodejs loopback, Spring Boot and deployed the application images using Docker and Kubernetes
- Designed and implemented authentication and authorization mechanisms using JWT and OAuth2, ensuring secure access control for microservices and enforcing least privilege principles.
- Developed and maintained a microservices-based backend system using Node.js, Express.js, and MongoDB, reducing application complexity and improving scalability.
- Implemented RESTful APIs for communication between microservices, facilitating seamless integration and interoperability.
- Utilized Docker and Kubernetes for containerization and orchestration, automating deployment and scaling processes, resulting in a 40% reduction in deployment time.
- Used various IDE/tool like SpringToolSuite, Visual Studio, SoapUI, Eclipse, Postman, Putty
- Perform unit-level testing and integration testing of developed code to minimize defects and ensure overall site performance.
- Developed and maintained serverless frontend applications using AWS Lambda functions and containerized microservices deployed on AWS Elastic Container Service (ECS), leveraging Docker containers for encapsulation and

AWS Fargate for serverless compute management, resulting in enhanced scalability and flexibility of applications.

- Perform code-reviews and deployments artifacts to make sure the best practices are implemented.
- Attend meetings with clients to understand and convert the business requirements to the technical capabilities.
- Participate in Daily Stand-Up meeting to report daily status and to know about potential challenges.
- Develop Non-blocking IO components by using **Node Js** and **Express JS**.
- Writing backend API's using **Node JS** using DB's like **MySQL** and **MongoDB** creating middleware using **Express JS**.
- Integrated AWS services such as Lambda functions to optimize backend processes, improving overall application performance.
- Utilized AWS S3 for scalable storage solutions, ensuring efficient handling of media assets.
- Collaborated with the backend team to design and implement RESTful APIs integrated with AWS API Gateway
- Created and deployed several stored procedures in PostgreSQL as a part of microservices development.

Environment: Angular 13/10/8, Typescript, Redux, Flux, Jest, Bootstrap, Java8, HTML5, CSS3, Restful Web Services, Node js, Material-Design/Material Design 2, Material-UI, Webpack3, Web API, JSON, Jasmine, Karma, AWS Lambda, AWS S3, AWS ECS, Docker, MongoDB, PostgreSQL.

Backbase – India

Sr. Full Stack Developer

Nov2022- August2023

Roles and Responsibilities

- Back base offers a new generation Engagement Banking Platform, allowing you to progressively modernize your main customer journeys and re-architect your business operations around your customers.
- As a part of agile development I was involved in development financial domain and involved in development of major banking projects.
- Worked for developing engagement banking platform for **Retail Banking Clients**.
- Worked on different journeys like **Accounts Openings, Deposits, Cards, Secured Lending, Unsecured Lending, Bill Pay and Money Transfer** across different business lines.
- Integrated behaviour metrics like **BioCatch** to provide more efficiency and fight fraud in financial space.
- Back base Certified Front end Engineer with good experience in Back base design systems along with initial boot camp projects and also developed products in Back base Customer success team using the **Adopt, Extend and build strategy**.
- As part of the agile development process I am involved in the design, development, testing and deployment of web applications using the front end technologies like HTML5, CSS3, **Bootstrap, JavaScript, Angular 13, Angular JS, Angular Material, Redux Node js**. Translate designs to front-end code, estimate time and costs, and determine developer requirements and specifications.
- Worked on Performance tuning the UI by making use of Profiling and Monitoring, Optimized rendering, code splitting, state management, Caching and Compression.
- Worked on Cross browser testing to test UI in various browsers and devices to ensure consistent performance across different environments.

- Utilized CDNs for delivering assets to users from locations closer to them, reducing latency.
- Developed multiple microservices using Nodejs loopback, Spring Boot and deployed the application images using Docker and Kubernetes
- Designed and implemented authentication and authorization mechanisms using JWT and OAuth2, ensuring secure access control for microservices and enforcing least privilege principles.
- Developed and maintained a microservices-based backend system using Node.js, Express.js, and MongoDB, reducing application complexity and improving scalability.
- Developed and maintained serverless frontend applications using AWS Lambda functions and containerized microservices deployed on AWS Elastic Container Service (ECS), leveraging Docker containers for encapsulation and AWS Fargate for serverless compute management, resulting in enhanced scalability and flexibility of applications.
- Worked on profiling UI to identify performance bottlenecks. Use tools like Chrome DevTools, Firefox DevTools, to measure rendering and JavaScript performance.
- Developed and designed SPA user interfaces with modern front-end framework ReactJS.
- Developed custom React Components utilizing **ReactJS, Redux, React Router, React-testing, Parcel**.
- Develop Non-blocking IO components by using **Node Js** and **Express JS**.
- Writing backend API's using **Node JS** using DB's like **MySQL** and **MongoDB** creating middleware using **Express JS**.
- Write maintainable, scalable, responsive, and cross-browser code.
- Perform Unit testing of the code using karma and jasmine.
- Advocating for process improvements and throughout the product life cycle.
- Use Chrome **Dev Tools** and **React Native debugger** to debug the application.
- Developed dynamic responsive **Web Application** by integrating **Angular 8** and **Angular 13** with **Bootstrap** which is further integrated with **Web Services**.
- Worked extensively on **GIT** as Version Control.
- Using the **JIRA** tool for issue tracking and bug tracking.
- Interact with Testing Team, Scrum Masters, and Business Analysts for fixing of Issues, also interacting with Customers and development teams for Fix the Issues.
- Integrated AWS services such as Lambda functions to optimize backend processes, improving overall application performance.
- Utilized AWS S3 for scalable storage solutions, ensuring efficient handling of media assets.
- Collaborated with the backend team to design and implement RESTful APIs integrated with AWS API Gateway.
- Performed peer review and worked closely in the **CICD** pipeline using **Github** and **Jenkins**.
- Extensively involved in performance optimization of application using the optimization techniques and guidelines.

Environment: Angular 13/10/8, Typescript, React Js, React, Redux, Flux, Jest, Bootstrap, Figma, Adobe Illustrator, Sketch, WordPress CMS, Java8, HTML5, CSS3, Restful Web Services, Node js, Material-Design/Material Design 2, Material-UI, Webpack3, Web API, JSON, Jasmine, Karma, profiling and performance tuning, , AWS Lambda, AWS S3, AWS ECS, Docker.

Tibco Software – India
Full Stack Developer

Sep 2016 to Oct 2022

Roles and Responsibilities

- As part of the agile development process I am involved design, development, testing and deployment of web application

using the front end technologies like **HTML5, CSS3, Bootstrap, JavaScript, Angular 2.x, Angular JS, Angular Material, Redux, and React Js**.

- Translate designs to front-end code, estimate time and costs, and determine developer requirements and specifications.
- Worked in projects like **Tibco Business connect, Tibco Hawk, Mashery, Audit Safe, Automated Temperature and Humidity Tracking Sensor (IoT)**.
- As part of the agile development process I am involved design, development, testing and deployment of web application using the front end technologies like **HTML5, CSS3, Bootstrap, JavaScript, Angular 2.x, Angular JS, Angular Material, Redux, and React Js**.
- Work extensively in **Business connect, Business Process Management and integration domain**.
- Worked on Performance tuning the UI by making use of Profiling and Monitoring, Optimized rendering, code splitting, state management, Caching and Compression.
- Worked on Cross browser testing to test UI in various browsers and devices to ensure consistent performance across different environments.
- Utilized CDNs for delivering assets to users from locations closer to them, reducing latency.
- Worked on profiling UI to identify performance bottlenecks. Use tools like Chrome DevTools, Firefox DevTools, to measure rendering and JavaScript performance.
- Develop Non-blocking IO components by using **Node Js** and **Express JS**.
- Writing backend API's using **Node JS** using DB's like **MySQL** and **MongoDB** creating middleware using **Express JS**.
- Translate designs to **front-end code**, estimate time and costs, and determine developer requirements and specifications.
- Build Responsive Application using **Media queries** and **flex layout**.
- Write maintainable, **scalable, responsive, and cross-browser code**.
- Perform Unit testing of the code using **karma** and **jasmine**.
- Implemented React Container and presentational components.
- Developed custom React Components utilizing **ReactJS, Redux, React Router, React-testing, Parcel**.
- Upgraded the versions of multiple Angular applications, **React and React DOM**.
- Utilized React for its efficient data flow architecture to create a lightweight and render efficient web app.
- Implemented React Container and presentational components.
- Executing and tested cross browser compatibility, **IPAD (RWD)** to satisfy all the functional and business requirements.
- Review the peer code using **RBT** tools.
- Estimating the tasks and creating user story points and tasks using **JIRA**.
- Performing the System Testing, Regression Testing for Complete UI after fixing the Issues which are reported by the Testing Team.
- Involving in development and design discussion with **product Managers, designers, Backend** and **QA** teams and providing estimations for the development tasks.
- Maintaining the code quality of the product by integrating **sonar lint** to IDEs.
- Periodically review and reassess the quality profiles and rules to ensure they remain aligned with your project's needs.
- Creating reusable and modular UI components using **React**, which involves writing **JSX** (a syntax extension for JavaScript) to define the structure and appearance of the user interface.
- Mentoring the junior members in the team provided **Technical and Business Presentations** wherever applicable.
- **Lead a team of 5** members and worked on sprint planning and execution.
- Was an active part of technical recruitment panel and took technical interviews for several associate and senior candidates.

Environment: HTML/HTML5, CSS/CSS3, SASS/SCSS, JavaScript, jQuery, React Js, Redux , React, Angular2/5/8, React Material UI Bootstrap, ES6, Usability Testing, Agile methodology, Ubuntu, VIM IDE, GIT, Karma, Jasmine, Gradle, Jenkins

Infosys Limited – India
Front-End Engineer

Nov 2014 - Sep 2016

Roles and Responsibilities

- As part of the agile development process I am involved in the **front-end build in HTML5, CSS3, Bootstrap, and Angular JS** using **Adams API**.
- Created responsive and mobile-friendly designs using media queries and flexible layouts that adapt to various screen sizes.
- Created intuitive and user-friendly interfaces that prioritize usability by adhering to **UI/UX Design Principles**.
- Analysing the requirements and then developing the UI and functionality of software in accordance with the requirements.
- Worked in the Media and communication domain and had interactions with clients for their requirements and enhancements.
- Writing and executing unit test cases using **Jasmine** and **Karma**.
- Develop Non-blocking IO components by using **Node Js** and **Express JS**.
- Writing backend API's using **Node JS** using DB's like **MySQL** and **MongoDB** creating middleware using **Express JS**.
- Worked as a **Scrum Master** in the **agile model**.
- Designed dynamic client-side **JavaScript** codes to build web forms and stimulate processes for a web application, page navigation, and form validation
- Implemented interaction between frontend and backend using the **JSON** object.
- Worked on profiling UI to identify performance bottlenecks. Use tools like Chrome DevTools, Firefox DevTools, to measure rendering and JavaScript performance.
- Implemented profiling and performance tuning to optimize the performance of application.
- Implemented Optimization techniques like Code Splitting, State Management, Caching and compression
- Using complex Object-Oriented concepts in improving the performance of the websites
- Worked on **Cross-Browser** compatibility and fixed the bugs for several browsers.
- Used **CSS** to provide the table-free layout to the user interface screen.
- Working as a **Scrum Master** in the **agile model**.

Environment: HTML/HTML5, CSS/CSS3, SASS/SCSS, JavaScript, Angular JS, Java Script, HTML, SASS Bootstrap, GitHub, Ruby On Rails, MYSQL, Sublime Text, Jira, Node js.

Techmahindra – India
Front-End Engineer

May 2012–Nov 2014

Roles and Responsibilities

- Worked on Manufacturing domain which involves production support and enhancement of applications related to **Web sphere portal** and **security**.
- Implemented a desktop application using **java** and **j2ee** technologies for managers and leads to track **SLA's** and teams productivity.
- Production support and server Maintenance.
- Monitoring Portal performance
- Worked on adding **UI** related features and clearing the bugs and adding new features as requested by the client.
- Adding **UI** related enhancements to the Application
- Worked on implementation of new designs and resolving bugs in the web application.
- Scheduled Maintenance and support of **LDAP** and **Data Servers**.
- Worked on writing scripts for **automating server tasks**.
- Analysing the requirements and then developing the UI and functionality of software in accordance with the requirements.
- Constantly interacted with Global clients and provided them with solutions wherever applicable.
- Proficiency in writing structured and semantic HTML code to create the foundational structure of web pages.
- Strong understanding of CSS for styling web elements, layouts, and ensuring consistent design across different devices and screen sizes.
- Added interactive, dynamic behaviour, and client-side logic to web applications with solid knowledge on JavaScript
- Performed weekly server housekeeping and maintenance activities
- Reported and resolved several incidents in the portal application and provided **Root Cause Analysis**.

Environment: Java, JavaScript, Html, CSS, Web sphere portal, vignette, Tivoli Site Analyser, Oracle, DB2, Putty, Winscp, Java core Analyser, Verity, Remedy, Service Now

Education

Bachelors: Information Technology

Apr 2011

Jawaharlal Nehru Technological University, Anantapur, India