Divakar Reddy Velagacherla

Full Stack Developer

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PROFESSIONAL SUMMARY:

- Around 5 years of experience as **Full Stack Developer** expertise in **Fronted technologies** like JavaScript, React.js, Angular, Bootstrap and in **Backend technologies** used Node.js, Express, Python, Django, MongoDB, MySQL, PostgreSQL.
- Followed **Agile** Methodology in analyze, define, and document the application, which will support functional and business requirements, coordinate these efforts with functional architects.
- Used **HTML, CSS, JavaScript, jQuery, React,** and **Typescript** to build responsive and compatible web pages.
- Developed integrated applications with **Spring**, optimizing database communication via **JDBC**, **Hibernate,** and **Spring Boot JPA** and integrated microservices using **Spring Boot** for **RESTful** service endpoints and business components.
- Used **Java Message Service** (JMS) to create, send, receive, and read messages as well as an **Apache Kafka** cluster as a messaging mechanism between **APIs** and **Microservices**.
- Experienced in relational database modeling, design, and development of **PL**/**SQL** stored procedures and packages in **Oracle**, **SQL Server**, **PostgreSQL**, and **MySQL** and worked with **NoSQL** databases such as **MongoDB** and **Cassandra**.
- Skilled in deploying continuous delivery pipelines with **Jenkins**, **OpenShift**, **Docker**, and **AWS**, including **EC2**, **S3**, **ECS**, **Security Groups**, and **AWS Lambda-based CI/CD** pipelines.
- Proficient in application development with IDEs like **Eclipse**, **IntelliJ**, and **VS** Code.
- Proficient in writing test cases in **Selenium**, **JUnit**, **Mockito**, and **Log4j** for program monitoring and debugging.

TECHNICAL SKILLS:

Languages	Java 8, JavaScript, Graph QL, PL/SQL, SQL, Python
Cloud Technologies	AWS, Azure, GCP
Databases	MySQL, Cassandra, Oracle, SQL Server, MongoDB
Web Technologies	HTML5, JavaScript, XML, CSS3, Bootstrap, Angular, jQuery, ReactJS
Monitoring Tools	Prometheus, Grafana, New Relic, App Dynamics, Dynatrace, Splunk, Visual VM
Web/Application Servers	Tomcat 7.x/6.x/5.x, WebLogic10.3/9.2/8.1/7.0, IBM WebSphere 8.x/7.x/6. x.
Messaging Tools	JMS, Apache Kafka
Platforms	Windows, UNIX, LINUX
Version Control Tools	GIT, Bit Bucket.
Methodologies	SDLC, Agile

WORK EXPERIENCE:

Client: Flagstar Bank, Troy, Michigan   **Feb 2024 – Present**
Role: Java Full Stack Developer
Responsibilities

- Developed **microservices** using **Java Spring Boot**, transitioning from a monolithic application to independent services deployed on **AWS EC2** instances, facilitating easier updates and scalability, resulting in a 50% improvement in system performance.
- Optimized database interactions by using **Cassandra** and implementing **GraphQL**, reducing data fetch times for user transaction history from several seconds to under a second, resulting in a 70% increase in data retrieval speed.

- Created responsive, user-friendly web pages using **React** and **JavaScript**, enhancing the user interface to be more intuitive and mobile-friendly, resulting in a 40% increase in user satisfaction.
- Developed robust **APIs** using **Java** and **Node.js**, enabling seamless integration between web and mobile platforms for checking user account balances, resulting in a 60% increase in **API** efficiency.
- Automated deployment using **AWS Elastic Beanstalk** and set up monitoring with **CloudWatch**, reducing deployment time from hours to minutes and improving application performance monitoring, resulting in a 50% reduction in deployment errors.
- Worked in an **Agile environment**, participating in daily stand-up meetings and code reviews, ensuring smooth collaboration with frontend developers for timely feature delivery, resulting in a 30% increase in team productivity.
- Improved application performance by **optimizing SQL** queries and implementing caching, reducing transaction history retrieval time from 5 seconds to under 1 second, resulting in a 80% reduction in response time.
- Conducted comprehensive **unit** and **integration testing** to ensure the reliability and stability of the application, resulting in a 30% reduction in post-deployment bugs.
- Integrated **API** streaming using **Kafka**/**MQ**, enhancing real-time communication capabilities..

Client: USAA, San Antonio, Texas   **Jun 2023 – Jan 2024**
Role: Java Full Stack Developer
Responsibilities:

- Improved APIs for better performance using **Java 8**, **Spring Boot**, and **Restful Web Services**, reducing response times from 5 seconds to under 1 second by optimizing database queries and implementing **caching**, resulting in a 60% reduction in API latency.
- Utilized **AWS** tools like **Lambda**, **ECS**, **EC2**, **S3**, **IAM**, and **RDS** to build a scalable solution, resulting in automatic scaling during peak usage and a 30% increase in application reliability.
- Managed **microservices** deployment using **Jenkins**, **GIT**, **Terraform**, **UDeploy**, **Docker**, and **AWS EKS** for automated deployment, reducing deployment time from hours to minutes and minimizing downtime, resulting in a 50% reduction in deployment errors.
- Developed user-friendly front-end features using **JavaScript**, **HTML**, **CSS**, **Angular**, and **React**, creating a responsive dashboard that improved user experience and accessibility, resulting in a 40% increase in user satisfaction.
- Optimized web applications by minimizing **JavaScript** and **CSS** files, reducing load times from 4 seconds to 1 second, resulting in a 75% improvement in web application responsiveness.
- Collaborated with **DevOps** teams to deploy and manage services on **Kubernetes** and **AWS**, setting up a **CI/CD** pipeline with **Jenkins** and **Kubernetes**, ensuring seamless deployment and scaling of **microservices**, resulting in a 35% reduction in deployment issues.
- Deployed applications on cloud platforms like **PCF**, **AWS**, and **OCP**, optimizing resource utilization and leveraging auto-scaling features to handle peak loads efficiently, resulting in a 20% reduction in infrastructure costs.
- Implemented strong unit tests using **JUnit** and **Mockito**, increasing code coverage from 60% to 95%, significantly reducing production bugs and leading to a 30% reduction in post-deployment issues.
- Integrated monitoring tools like **Grafana**, **Prometheus**, **Datadog**, and **Spring Boot Actuator**, creating real-time dashboards and alerts to proactively resolve performance issues, resulting in a reduction of average issue detection time from 2 hours to 15 minutes.
- Configured **JMS** architecture with **Spring** and **ActiveMQ** for efficient messaging between services, improving reliability and speed of communication, resulting in a 50% increase in message throughput.

Client: Cognizant Technology Solutions, India   **July 2020 – Dec 2021**
Role: Java Developer
Responsibilities:
- Streamlined the deployment process for **Java**/**J2EE** web applications, reducing deployment time from hours to minutes and minimizing downtime by automating the pipeline with Jenkins.
- Modernized outdated web applications using **HTML5**, **CSS3**, **JavaScript**, **Node.js**, and **ReactJS**, resulting in improved responsiveness and user engagement, exemplified by a redesigned user dashboard with faster load times.
- Adopted Agile methodologies, improving development efficiency and collaboration by participating in daily stand-ups and sprint planning sessions, leading to timely delivery of features and user stories.
- Implemented key project functionalities using **Spring MVC** and **Spring Boot**, enhancing backend performance and scalability, as demonstrated by a 30% reduction in loan processing time.
- Improved client-side responsiveness by implementing real-time input validation and **RESTful** calls using **JavaScript**, **ReactJS**, and **AJAX**, leading to faster user interactions and reduced server-side delays.
- Enhanced Temenos project functionalities by adding new features and optimizing performance, which made the project more robust and user-friendly, as seen in the improved reporting module.
- Conducted mobile application development assessments and contributed to feature enhancements using **Kony Quantum Visualizer** and **JavaScript**, resulting in increased user engagement and functionality.
- Improved logging consistency and unit testing practices by implementing **log4j** for consistent logging and increasing unit test coverage to 90% with **JUnit**, significantly reducing bugs in production.
- Enhanced development workflow by utilizing **Jira**, **Gitlab**, **Visual Studio Code**/**Eclipse**, and **Swagger**, streamlining task management, version control, and **API** documentation for improved efficiency.

Client: Sansbound Solutions, Chennai, India   **Jan 2019 – Apr 2019**
Role: Network Infrastructure Intern
Responsibilities:
- Installed, configured and maintained IPv4 and IPv6 Networks.
- Configured LAN Switches and Routers, implemented VLANs and routing protocols.
- Conducted testing and troubleshooting, maintained documentation, and contributed to team discussions.

ACADEMIC QUALIFICATION:

- **Master of Science** (Computer Science and Engineering) from **University of North Texas,** Denton, TX, USA, Dec 2023; **CGPA: 3.54/4.0**
- **Bachelor's in technology** with **Computer Science and Engineering** from **SRMIST**, Tamil Nadu, India, May 2020, **GPA: 3.3/4.0**