HARI KUMAR

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SUMMARY

 An Adept Software Development Engineer with a focus on the banking and financial services sector, adept in the areas of design, coding, testing, and debugging across a spectrum of programming languages and databases. Demonstrated proficiency in delivering scalable, high-quality solutions utilizing agile methodologies. Committed to driving technical innovation and ensuring precision to facilitate organizational success within the fintech domain.

EDUCATION

Western Illinois University, Macomb, IL
Masters in data science   (CGPA 3.3/4.00) Jan 2022– Dec 2023
Relevant Coursework: Operating Systems, Database Organization, Advanced Operating System, Big Data Technologies, Advanced Database Organization.

SKILLS

Programming Languages:	Java, JavaScript, Typescript, Node.
Frameworks & Libraries:	Spring**,** Spring MVC, Spring Boot, Apache Kafka, AngularJS, ReactJS.
Web Technologies:	Restful Web Services, jQuery, CSS, CSS-3, JSON, HTML-5, XML.
Databases:	SQL, Redis, MySQL, PostgreSQL, MongoDB.
Tools:	Maven, Spring Tool Suite, Ansible, Postman, Jira Eclipse, IntelliJ, Docker, Jira
Cloud Infrastructure:	AWS, EC2, S3, RDS, Lambda, CloudWatch, IAM, Kubernetes.
Servers & Methodologies:	Jetty Server, JBoss, Tomcat.	Agile, Test-Driven Development.
Version Control & Testing:	GitHub (Git), Bitbucket, JUnit, Mockito.
Operating Systems:	Linux/Unix.

PROFESSIONAL EXPERIENCE

Senior Full Stack Java Developer
Client: ZOOM   Aug 2022-Mar 2024

- Implemented a data pipeline in **Spring Boot** and **Hibernate** to extract, clean, apply business rules, check data integrity, create aggregates, and publish data to the data warehouse.
- Experienced in designing and developing **RESTful APIs.** proficient in defining API endpoints, request/response formats, and resource representations.
- wrote clean and maintainable code for implementing **RESTful APIs**. Experience in handling HTTP methods (GET, POST, PUT, DELETE), request validation, error handling, and authentication/authorization mechanisms.
- Automated and managed deployment pipelines. Configured **AWS Services** in production Using Infrastructure as code.
- Experienced with continuous integration and continuous deployment (**CI/CD**) pipelines.
- Involved in automating build, deployment, and release processes using tools **like Ansible.**
- Experienced with other Big Data frameworks, such as **Hadoop, Spark, or Kafka**
- Experienced with design patterns, SOLID principles, or other best practices in object-oriented development. Experienced in integrating **React** applications with backend **APIs**.
- Experienced in developing user interfaces using **React**. proficient in building reusable components.
- Maintained Kafka Cluster by creating Topics. Partitions for point-to-point messaging.
- Managed configuration of Kafka Cluster, Brokers, Topics, used Kafka Consumer, Producer Used Apache Kafka confluent distribution both as a traditional messaging message and stream platform.
- Successfully migrated an existing Oracle database to MySQL, resulting in a reduction of licensing costs and total cost of ownership by **$150k.**
- Developed Single Page Application (SPA) using HTML 5, CSS, Bootstrap and Angular 6.
- Implemented client-side Interface using Angular.JS 8 and worked using Angular.JS components, Forms, Events, Keys, Router, Animations.

Full Stack Java Developer
Client: Citi Bank   Dec 2019-Nov 2021
- Worked with **Agile methodology** and actively participated in Scrum meetings as a part of **SDLC**, to produce quality deliverables within time.
- Implemented key functionalities for **customer account summary** using Angular 4 Http services, Ajax calls, **RESTful web services** and Prime NG-Tables.
- Develop Node.JS and integration with databases and other backend systems to implement authentication and authorization.
- Proficient in using **SQL** to extract, transform, and load (ETL).
- Experience in testing **RESTful APIs**, including unit testing, integration testing, and API contract testing. Implemented testing frameworks and tools, such as Postman, JUnit, or Jest.
- Enhanced web application architecture and functionality using DAO and Front Controller design patterns, improving maintainability, scalability, and efficiency.
- Involved in the implementation of the presentation layer GUI for the application Using **JSF, HTML, XHTML, CSS, and JavaScript.**
- Implemented the project using the Spring Framework used Spring IOC and Dependency Injection, Spring MVC.
- Working with the team to analyze the business requirement and scenarios and driving suitable solutions in an agile development environment.
- Used Eclipse IDE as development environment to design, develop and deploy spring components on Web Logic.
- **Optimized messaging system performance** and reliability by implementing MDBs to effectively process **java message queue messages**.

Java Developer
Clint: Accenture   Jan 2018-Nov 2019
- As a junior full-stack developer, I'm deeply immersed in mastering frontend technologies like **HTML, CSS, and JavaScript**, with a particular emphasis on frameworks such as **React**.js or Angular.
- Working alongside seasoned developers on **UI** and component development has been incredibly beneficial, allowing me to contribute to the creation of responsive and engaging web applications.
- Beyond frontend work, I've also delved into implementing backend functionalities using technologies like **Node**.js, Express.js, and databases such as **MongoDB** or **PostgreSQL**.
- Actively participating in code reviews has helped me incorporate feedback from experienced developers, refining my coding practices and aligning with industry standards.
- I've shown initiative by taking on independent projects, demonstrating autonomy and problem-solving skills. Additionally, I continuously pursue self-study and online courses to broaden my knowledge in areas like data structures, algorithms, and software design principles.
- Mentorship from senior developers has been pivotal in my growth journey, allowing me to leverage their expertise to accelerate my learning and make meaningful contributions to the team.
- I'm actively engaged in **Agile** ceremonies, including sprint planning, daily standups, and retrospectives, where I provide updates on progress and contribute to team discussions.
- I prioritize documenting code changes, issues, and solutions for team reference and knowledge sharing. Moreover, I actively participate in team discussions and brainstorming sessions, offering ideas and perspectives to enhance project outcomes.
- Embracing feedback and constructive criticism, I maintain a growth mindset and remain committed to continuous learning and improvement.

PROJECTS

Western Illinois University, Macomb, IL

AWS Cloud Computing
- Built and deployed elastic scaling applications on a cloud platform and designed applications using a cloud-native architecture.
- Demonstrated the creation of a managed shell script for the deployment of cloud resources and the

termination of cloud resources in an automated fashion.

Automated Gate Pass System

Implemented the parallel version of the BSCF algorithm using JAVA.

Developed a website enabling students to request gate passes for unscheduled departures from college premises.

- Integrated an approval system, allowing administrative personnel to review and approve student requests.
- Incorporated features such as:
- OTP verification during registration.
- Email notifications to stakeholders upon request submission and approval.
- History review functionality for students to access their past requests.

TIC TAC TOE Application

- Developed a full-stack Tic Tac Toe application with an intuitive UI using HTML and CSS for the front-end.
- Utilized object-oriented programming and vanilla JavaScript algorithms to handle game logic, ensuring efficient performance and smooth gameplay.
- Prioritized cross-browser compatibility and front-end optimization for a consistent user experience.
- Incorporated user feedback, continuously refining the UI and enhancing overall user engagement.