SREE VALLI GUDISAN
SOFTWARE ENGINEER

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TECHNICAL SKILLS

Programming Languages: Java 8/11/17, Python, JavaScript (ES6+), TypeScript
Web Frameworks: Node.js, Express.js, React.js, Spring Boot, Angular, GraphQL
Distributed Systems & Cloud: Azure (Event Hub, Functions, Cosmos DB), AWS (EC2, S3), Docker, Kubernetes (AKS), Kafka, RabbitMQ, Microservices
Databases: PostgreSQL, MySQL, MongoDB, Oracle, Cassandra
Testing/Monitoring: JUnit, Mockito, Selenium, Postman, OAuth2, JWT, Jest, Cypress, Prometheus, Grafana, ELK Stack
Version Control & Collaboration: Git, GitHub, GitHub Actions, Jira, Agile/Scrum, CI/CD
Frontend & Styling / Tools: HTML5, CSS3, SCSS, Redux, React Query, CRM platforms (Salesforce, Zendesk), Jenkins
Data Structures & Algorithms: Strong grasp of DSA, object-oriented design, complexity analysis

PROFESSIONAL EXPERIENCE

Software Engineer — Premier Inc., AR   June 2024 - Present

- Architected and developed scalable RESTful APIs and microservices using Java 17 and Node.js(Express.js), integrating Azure Event Hub, and Cosmos DB for high-throughput event processing
- Built dynamic dashboards using React.js, integrating MongoDB for real-time reporting and inventory insights
- Automated CI/CD with GitHub Actions, Docker, and Kubernetes (AKS) on Azure/AWS, improving release reliability by 50%; leveraged Kafka and Postman for event-driven processing and API validation.
- Integrated OAuth2/JWT for secure authentication and CRM tools for customer workflow visibility; applied JUnit, Mockito, Selenium, Cypress testing in Agile/Scrum environment
- Applied Jest and Cypress for unit and integration testing of frontend and Node.js services.

Software Engineer — JPMorgan Chase., AL   Apr 2023 - Oct 2023

- Developed high-performance REST APIs and backend services using Java 11, Spring Boot, Kafka, and Cosmos DB for scalable financial systems
- Enhanced internal tools using React.js, TypeScript, and Node.js, optimizing integration with microservices and GraphQL
- Applied Python scripting to automate backend workflows and support testing processes
- Implemented OAuth2/JWT and conducted rigorous testing with Postman, Cypress, and Jest to ensure secure, reliable integration
- Automated deployments using Jenkins, Docker, and Kubernetes; participated in Agile sprints tracked via Jira

Java Developer — Mphasis, India   Aug 2020 - Aug 2022

- Modernized monolithic systems by migrating to microservices with Java 8, Spring Boot, and PostgreSQL, improving performance
- Built responsive UI modules using Angular and SCSS, consuming secure RESTful APIs for real-time user experiences
- Deployed containerized services via Docker and Kubernetes, and automated CI/CD with Jenkins
- Used RabbitMQ for async workflows; ensured coverage using JUnit, Selenium, JMeter, and API-level tests
- Maintained backend components with MySQL, Oracle, and Cassandra for legacy and modern systems

PROJECTS

E-Commerce Website

Developed a cloud-native e-commerce site with Spring Boot and React.js, enabling secure checkout, live chat (Socket.io), and account management; containerized with Docker and deployed to AWS EC2 using GitHub Actions for scalable, multi-region availability.

RooBOT – Campus Assistance Chatbot

Built a scalable Node.js and React.js chatbot using Azure Cognitive Services (LUIS) and SignalR for real-time campus support; integrated SQL Server and RESTful APIs for dynamic query handling, deployed on Azure App Service ensuring high availability and responsiveness.

EDUCATION

Master of Science in Electrical and Computer Engineering   Aug 2022 - May 2024
University of Alabama at Birmingham (GPA - 3.73/4.0)

Bachelor of Technology in Electronics and Instrumentation Engineering   July 2017 - July 2021
Jawaharlal Nehru Technological University (JNTUH), India (GPA - 3.5/4.0)