KRISHNASAI KAVURI

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SUMMARY

Experienced Java Full-Stack Developer with around 5+ years of experience in designing, developing, and deploying scalable enterprise applications across diverse business domains. Demonstrates expertise in Java, Spring Boot, React, Angular, and microservices architecture, complemented by strong proficiency in cloud platforms like AWS and Azure. Adept at optimizing application performance, automating CI/CD pipelines, and collaborating in Agile teams to deliver high-quality, user-focused software solutions. Passionate about building efficient systems that enhance business value through innovation, teamwork, and technical excellence.

SKILLS

- **Programming Languages:** Java (Core, Advanced), JavaScript (ES6+), TypeScript, Python, SQL, HTML5, CSS3.
- **Frameworks & Libraries:** Spring Boot, Hibernate, JPA, React.js, Angular, Node.js, Express.js, Bootstrap, jQuery, Django.
- **Microservices & API Development:** RESTful APIs, GraphQL, JSON, SOAP, OpenAPI (Swagger), Postman.
- **Cloud Platforms & Deployment:** AWS (EC2, S3, Lambda, ECS), Azure (App Service, SQL Database), Google Cloud Platform (GCP)
- **DevOps & CI/CD Tools:** Jenkins, Docker, Kubernetes, Maven, Gradle, Git, GitHub Actions, SonarQube, Terraform.
- **Databases & Data Management**: MySQL, PostgreSQL, Oracle, MongoDB, Redis, Cassandra**,** Apache Spark, Kafka, ETL pipelines.
- **Testing & Automation:** JUnit, Mockito, Selenium, Postman, Cucumber, JMeter
- **Agile & Project Management:** Agile (Scrum, Kanban), Jira, Confluence, SDLC, MVC Architecture, Design Patterns.

EXPERIENCE

Software Engineer – Lumen Technologies, USA   **Jan 2025 – Present**

- Engineered scalable microservices using Java 17, Spring Boot, and Kafka to modernize the loan origination process, integrating underwriting, credit evaluation, and document management modules, resulting in a 40% improvement in overall loan processing efficiency through automation.
- Developed dynamic, data-driven dashboards using Angular 15, React.js, and TypeScript for real-time loan tracking and risk visualization, enhancing decision-making speed and improving UI responsiveness by 30% across financial teams.
- Optimized backend workflows using Spring Data JPA with PostgreSQL and MongoDB, enhancing data retrieval speed and transactional consistency while improving accuracy and compliance reporting by 25% through validated API integrations.
- Orchestrated event-driven microservices using Kafka and Spring Batch and deployed containerized services using Docker and Kubernetes on AWS (EC2, RDS, S3, Lambda) with Jenkins-based CI/CD, supporting auto-scaling, high availability, and scalable production environments.
- Partnered with cross-functional teams using Git, Jira, and Confluence to translate business needs into technical solutions, utilized Apache Spark and Elasticsearch to enhance risk detection accuracy by 25% and cut manual data aggregation time by 50%.
- Owned end-to-end delivery of customer-facing features from technical design through implementation, testing, and production release.

Programmer Analyst – Cognizant, India   **Dec 2019 – July 2023**

- Architected microservices-based backend solutions using Spring Boot, REST APIs, and AWS to modernize payment reconciliation and credit risk systems, ensuring seamless data synchronization and enhancing financial data reliability.
- Integrated Kafka-based event streaming and ETL data pipelines for real-time transaction and loan processing, coordinating multiple services to ensure data consistency and scalability across high-volume financial workflows.
- Orchestrated secure data storage and retrieval by leveraging PostgreSQL, DynamoDB, and AWS RDS, ensuring optimized database operations, faster query performance, and improved compliance with financial audit requirements.
- Partnered with analytics and UI teams to build dynamic dashboards using Angular, React.js, and Chart.js for real-time reconciliation and credit risk visualization, enhancing operational transparency and stakeholder engagement.
- Streamlined CI/CD workflows using Jenkins, Docker, and Kubernetes pipelines on AWS EC2, cutting manual deployment time by 60% and improving system uptime through automated containerized release cycles.
- Implemented automated testing frameworks using JUnit, Mockito, and Postman to validate APIs and ensure integration reliability, achieving 85%+ test coverage and reducing defect leakage by 30% before production releases.

PROJECT

Student Management System – Full-Stack Web Application| 2025   **<u>GitHub Link</u>**
Tech Stack: Java, Spring Boot, React.js, Node.js, SQL Server
Built a full-stack student management system with role-based access, REST APIs using Spring Boot and Node.js, a SQL Server backend, and responsive React dashboards for real-time management.

EDUCATION

Southeast Missouri State University, MS in Computer Science (GPA: 3.91/4.0)   **May 2025**

Coursework: Data Structures, Algorithms, Data Analytics, RDBMS, Cybersecurity, Cloud Computing, Artificial Intelligence.

CERTIFICATIONS

- **AWS Certified Solutions Architect** – Associate **Link**
- **Microsoft Azure AI Essentials –** LinkedIn **Link**