PURNA SRINIVAS ADDURI

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Summary

Proficient Full Stack Software Developer with 5+ years of experience in designing and implementing scalable microservices architecture using Java, Spring Cloud, and Angular, ensuring high performance and reliability. Skilled in Java development and leveraging AWS services to deliver efficient and high-quality software solutions. Adept at writing clean, maintainable code following best practices and industry standards to ensure scalability and reliability. Strong collaborator with cross-functional teams, fostering effective communication and teamwork to ensure seamless project execution and timely delivery of solutions.

Skills

- **Methodology:** SDLC, Agile, Waterfall, SOLID principles, Test-Driven Development (TDD), Behavior-Driven Development (BDD), Scrum, Pair Programming.
- **Databases:** MySQL, PostgreSQL (RDBMS), MongoDB (NoSQL), Oracle, PL/SQL, DB2, Cassandra, DynamoDB, Redis.
- **Languages:** Java, Python, SQL, C, JavaScript, TypeScript.
- **Architecture:** Monolithic, Microservices, MVC Architecture, Event-Driven Architecture.
- **Cloud-Native Technologies:** AWS Lambda, EC2, S3, IAM, VPC, ECS, Elastic Beanstalk, CloudFormation, API Gateway.
- **J2EE Technologies:** Servlets, JSP, JSTL, JavaBeans, JDBC, JMS.
- **Frameworks:** Spring MVC, Spring Boot, JSF, Hibernate, JPA, Node.js, Express.js, Spring REST, Spring Security, Spring Cloud, Log4j, Spring ORM.
- **Container Orchestration Tools:** Docker, Kubernetes, K8s, Helm. Web Technologies: HTML5, CSS3, JavaScript, Angular, React, JSON, XML, Bootstrap.
- **Process Orchestration Tools:** Camunda, Jenkins, Apache Kafka.
- **Version Control Tools:** Git, GitHub, GitLab, Bitbucket, SVN. Testing Tools: Mockito, JUnit, Postman, Newman, Selenium, JMeter.

Experience

Software Developer   10/2024 to Current
JPMC   USA

- Engineered dynamic, high-performance Single Page Applications (SPAs) using Vue.js, TypeScript, HTML5, CSS3, and Bootstrap, improving page load time by 25% and delivering an enhanced user experience across internal financial platforms.
- Designed modular micro frontend architecture using Vue.js and Node.js, enabling efficient integration of independently deployable components within large-scale enterprise systems.
- Developed and consumed secure RESTful APIs with Node.js to ensure seamless, real-time data exchange between front-end interfaces and back-end financial microservices.
- Automated application builds, testing, and deployment workflows through CI/CD pipelines using Git, NPM, Jenkins, and package.json, ensuring consistent and reliable releases in regulated environments.
- Architected, deployed, and monitored AWS cloud infrastructure (EC2, S3, VPC, CloudFront, ELB, Elastic Beanstalk) to support scalable, fault-tolerant, and high-availability deployments in alignment with enterprise compliance and security standards.
- Supported handling of 1M+ monthly user interactions through optimized application performance, caching, and autoscaling strategies.
- Built reusable UI components and applied MVC principles, accelerating development and supporting uniform UI standards across digital banking portals.
- Enhanced cross-browser and accessibility compliance through responsive layouts, ARIA standards, and jQuery-based dynamic behaviors.
- Leveraged JavaScript and JSP to create rich, interactive front-end features for secure customer transactions and back-office operations.
- Integrated CSS3 animations, transitions, and JavaScript DOM manipulation to drive intuitive user interactions and support financial dashboard visualizations.
- Collaborated cross-functionally with DevOps, QA, UX/UI, and Cybersecurity teams to deliver secure, scalable, and maintainable digital banking solutions.

Software Engineer   11/2022 to 11/2023
BharatPe   India

- Conducted detailed testing and debugging of software applications, reducing critical defects by 20% and improving reliability in transaction processing systems.
- Designed and implemented Java-based applications using MySQL, Spring Boot, Kubernetes, Docker, and Gradle.
- Deployed and managed containerized applications with Kubernetes and Docker, ensuring smooth scalability and seamless deployment.
- Provided efficient resolution of bugs, enhancing system stability and minimizing downtime.
- Collaborated within Agile development environments, participating in sprint planning, backlog grooming, and retrospective meetings to ensure timely delivery of projects.
- Developed optimized data pipelines to handle and process large datasets, reducing data processing times by 30%.
- Utilized Java and big data technologies to design and build high-performance pipelines capable of managing substantial data volumes effectively.

Associate Software Developer   01/2020 to 10/2022
CRED   India

- Collaborated with product managers, designers, and QA teams to translate technical requirements into scalable, maintainable software solutions aligned with fintech performance standards.
- Developed modular and reusable UI components using modern frameworks, contributing to a unified design system and reducing front-end development cycle time by 30%.
- Participated in peer code reviews, enforced coding best practices, and maintained internal documentation to promote maintainable and high-quality codebases.
- Optimized application performance through profiling and tuning techniques, while integrating real-time monitoring and logging (e.g., Logstash, Kibana, New Relic) to improve system observability and proactive issue detection.
- Automated repetitive engineering tasks using custom shell, Python, and JavaScript scripts, improving development workflow and reducing manual errors.
- Contributed to CI/CD processes by integrating build and deployment scripts into pipelines (Jenkins/GitHub Actions), streamlining code delivery and enhancing release reliability.
- Embraced Agile and DevOps principles, actively participating in sprints, retrospectives, and stand-ups to accelerate product delivery and maintain high collaboration velocity.

Education

Master of Science: Information Technology   04/2025
University of Cincinnati   Cincinnati, Ohio
Bachelor of Technology: Computer Science   05/2022
SRM University   Chennai, India