SAI PRASHANTH DYAPA

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SUMMARY

Full Stack Java Developer with over 2 years of hands-on experience building scalable enterprise applications using Spring Boot, Angular. Proficient in Java, Spring Boot, and Spring MVC for backend development, with expertise in building SPAs using Angular and ReactJS for dynamic user experiences. AWS Certified Solutions Architect with exposure to cloud services and CI/CD automation. Demonstrates excellent problem-solving skills and approaches challenges creatively to deliver effective solutions.

SKILLS

- **Methodology:** SDLC, Agile, Waterfall.
- **Languages:** Core Java, Java 8/11, SQL.
- **Frameworks:** Spring (MVC, Boot, Security), Microservices, Hibernate, JPA, Node.JS, Angular 12+, Apache Kafka.
- **IDEs**: NetBeans, IntelliJ IDEA, VS Code, Eclipse.
- **J2EE Technologies**: Servlets, JSP, JavaBeans, JDBC, Java Mail.
- **Web Technologies**: HTML, CSS, JavaScript, TypeScript, Bootstrap, Ajax, JSON, XML , Redux, NgRx Store
- **Cloud Technologies:** AWS (VPC, EC2, S3, CloudFront, ELB, Redshift), GCP .
- **Application Server:** Apache Tomcat.
- **Version Control/Other Tools:** Git, GitHub, GitLab, Bitbucket, Maven, Postman, Jira, Jenkins, MS Excel, Docker.
- **Databases:** MySQL, SQL Server PostgreSQL,Oracle, Firebase, MongoDB.
- **Operating Systems**: Windows, Linux.
- **API Development:** RESTful APIs, JSON, XML, Swagger, Microservices.
- **Authentication:** OAuth2, JWT, Firebase Auth.
- **Testing:** JUnit, Karma, Jasmine, Mockito.

PROFESSIONAL EXPERIENCE

SOFTWARE ENGINEER   **Jan 2022 – Aug 2023**
Renault Nissan Technology & Business Centre India, Chennai.

- Developed and maintained responsive and reusable User Interfaces using Angular and scalable microservices using Spring Boot for enterprise applications within a large corporate environment.
- Maintained code quality using tools like ESLint(frontend), and SonarQube (backend).
- Wrote and maintained tests using JUnit, Mockito (backend), and Jasmine, Karma (frontend) employing Test Driven Development principles.
- Improved the User Interface performance by 35% using lazy loading and optimized Angular modules.
- Automated CI/CD pipelines using Jenkins, for deploying the dockerized application from Bitbucket to ECS.
- Designed and optimized database schemas (MySQL, PostgreSQL), including writing and implementing stored procedures in PostgreSQL to automate data processing tasks, utilizing database querying languages.
- Mentored junior developers on best practices in Spring Boot architecture and Angular modular design.

GRADUATE ENGINEER TRAINEE   **Jul 2020 – Jan 2022**
Renault Nissan Technology & Business Centre India, Chennai.

- Trained in full-stack development with a focus on Java (Spring Boot) for backend and Angular for frontend.
- Built RESTful APIs and documented using Swagger(OpenAPI).
- Implemented API security features including authentication and role-based authorization using Spring Security.
- Gained knowledge and exposure to AWS cloud services for deploying and managing scalable applications.
- Worked in Agile and Scrum environments, actively participating in sprint planning, daily standups, reviews, and retrospectives.
- Experience working within an event driven architecture and a strong commitment to code quality, ensuring operational stability through rigorous testing and debugging.

PROJECTS

Professional Project - Project Portfolio Management (PPM)

Tech Stack: Java, Spring Boot, Angular, PostgreSQL, AWS.

- Developed and maintained key modules for this application used by 5,000+ global users to track 4,000+ projects coming under Renault-Nissan alliance, providing visibility into Cost, Schedule, QCT metrics, and essential Project details.
- Designed and implemented a cron-scheduled backend utility to fetch files from AWS EC2, perform data processing into PostgreSQL, and stored raw files in Amazon S3, which reduced the human intervention and automated the task of data processing.

Graduate Project - Voice Based Web Navigation

Tech Stack: JavaScript, Web Speech API, Angular

- Implemented voice-command navigation for a web application using the Web Speech API, enabling hands-free webpage control and enhancing accessibility for users.

Graduate project - Web Scraping and Data Visualization

Tech Stack: Python, Pandas, Matplotlib

- Developed a web scraping tool using Python to extract and preprocess data from dynamic web pages.
- Utilized Pandas for data cleaning and manipulation and created insightful visualizations using Matplotlib to enable effective trend analysis and data interpretation.

CERTIFICATIONS

- **AWS Certified Solutions Architect – Associate** *Issued by Amazon Web Services*   *April 2025* validates expertise in designing secure, scalable, and cost-effective cloud solutions on AWS.

EDUCATION

SOUTHEAST MISSOURI STATE UNIVERSITY, CAPE GIRARDEAU, MISSOURI   May 2025

M.S. in Computer and Information Science - GPA: 3.75.

KAKATIYA UNIVERSITY, INDIA   Apr 2020

 Bachelors in Electronics and Communication Engineering- GPA: 7.8**.**