

SAI PRASHANTH REDDY DYAPA

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SUMMARY

Full-Stack Developer with 3+ years of experience in Java, Spring Boot, Angular, and RESTful APIs. Proficient in AWS, CI/CD, MySQL, and PostgreSQL. AWS Certified Solutions Architect – Associate with a Master's in Computer and Information Science. Experienced in Agile teams and additionally, has a growing interest in data analytics using Python.

SKILLS

- Language & Frameworks : Java (including Java 8 features: Lambdas, Streams) , Spring Boot, Spring MVC, Hibernate, JDBC, Python, Java Servlet Pages.
 - Frontend : HTML5, CSS3, JavaScript, TypeScript, Angular 12+, Redux, NgRx, Bootstrap
 - Database : MySQL, PostgreSQL, MongoDB, Firebase.
 - APIs & Integration : RESTful APIs, JSON, XML, Swagger.
 - Authentication : OAuth2, JWT, Firebase Auth.
 - Build & Tools : Maven, Jenkins, Git, GitHub, GitLab, Postman, VS Code.
 - Testing : Junit, Karma + Jasmine.
 - CI/CD & DevOps : Jenkins, Docker, SonarQube.
 - Cloud & Services : AWS (EC2, S3, RDS, Lambda).
 - Project Management : Agile, Scrum, Jira.
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RELEVANT EXPERIENCE

SOFTWARE ENGINEER

July 2020 – Aug 2023

Renault Nissan Technology & Business Centre India, India

- Full-Stack Developer (3+ years) in an Agile environment, building enterprise applications using **Spring Boot** and **Angular** for 5,000+ global users.
 - Improved app performance with **lazy loading** and **multithreaded REST API** integration.
 - Automated CI/CD using **Git, Jenkins, and Docker**, cutting deployment time by 60% and reducing failures to under 1%.
 - Managed databases (**MySQL, PostgreSQL, SQL Server**) and collaborated with design, QA, and DevOps teams.
 - Mentored junior developers, promoting best practices in code quality and architecture.
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PROJECTS

- **Project Portfolio Management (PPM): Spring Boot & Angular**-based project tracker for Renault-Nissan. The application functions as a project tracking system, offering clear visibility into each project's status while managing key details such as cost, benefits, schedule, quality, timeline. This application helped 5000+ employees globally to monitor the status, budget and details of their projects.
 - **Covid Crisis Management (CCM):** Developed a health monitoring application using Angular and Spring Boot during COVID-19, supporting 200+ employees with real-time medical tracking and assistance. Implemented interactive dashboards for health data visualization, improving response efficiency by 40% during critical periods.
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EDUCATION

SOUTHEAST MISSOURI STATE UNIVERSITY, CAPE GIRARDEAU, MISSOURI

May 2025

M.S. in Computer and Information Science | GPA: 3.7.

Relevant Coursework: Advanced Programming, Cloud Computing, Human-Computer Interaction, Data Analytics Using Python, DBMS

KAKATIYA UNIVERSITY, INDIA

Apr 2020

Bachelor's in Electronics and Communication Engineering | GPA: 7.8

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.