

Yesu Adabala

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Professional Summary

Software Developer with over 3 years of experience in designing, developing, and deploying web applications using Java, Spring Boot, and relational databases. Proficient in building RESTful APIs, integrating backend services with front-end applications, and hosting applications on Apache Tomcat servers. Skilled in AWS cloud services and collaborating with cross-functional teams to deliver scalable solutions. Integrated the RESTful services with UI applications effectively, ensuring secure, efficient, and high-performing software delivery.

Technical Skills

- **Languages:** Java, Python, SQL
- **Backend Frameworks:** Spring Boot, JPA/Hibernate
- **Databases:** PostgreSQL, MySQL
- **Front-End:** HTML, CSS, JavaScript (Basics)
- **Cloud:** AWS (IAM, EC2, VPC, Timestream DB, Kafka)
- **Tools:** Postman, Apache Tomcat, GitHub, CI/CD
- **Operating Systems:** Linux, Windows
- **Networking:** TCP/IP, DNS, DHCP

Education

Bachelor of Engineering in Mechanical Engineering **2020**
Prasiddha College of Engineering and Technology, Andhra Pradesh, India

Professional Experience

Software Developer **September 2022 – Present**
Zenius IT Services Private Limited, Hyderabad, Telangana, India

- Developed and deployed web applications using Java, Spring Boot, and relational databases (PostgreSQL, MySQL) to deliver scalable and secure solutions.
- Configured and installed software on customer servers, deploying applications on Apache Tomcat to enable seamless backend services.
- Collaborated with front-end teams to integrate RESTful APIs, ensuring smooth functionality between backend services and UI applications.
- Conducted testing and debugging to optimize application performance and ensure robust service delivery.
- Leveraged AWS services (IAM, EC2, VPC) to enhance application security and scalability in cloud environments.

Key Projects

Trudose Admin Portal – Developer Technologies: Java, Spring Boot, PostgreSQL, GitHub

- Developed RESTful APIs using Java and Spring Boot for a hospital admin portal, enabling CRUD operations for multiple components.
- Implemented secure login with multi-factor authentication (MFA) and role-based access control (RBAC) to enhance application security.
- Created real-time clinic notification alerts to improve communication efficiency.

- Collaborated with the front-end team to integrate backend services with the UI application, ensuring seamless functionality.

ZConnect – Developer Technologies: Java, Spring Boot, PostgreSQL, FreeSWITCH, Linux

- Built a call center admin portal to generate historical and real-time reports using FreeSWITCH APIs for agent, CDR, and queue data.
- Designed service layers to calculate call center metrics by applying formulas, enabling accurate reporting.
- Installed and configured software on Linux servers, deploying applications on Apache Tomcat to enable backend services.
- Collaborated with the front-end team to integrate RESTful services, ensuring cohesive application performance.

AIQ Analytics – Developer Technologies: Python, Amazon Connect, AWS (Timestream DB, VPC, IAM)

- Secured application connectivity to AWS Timestream DB by implementing VPC endpoints, privatizing access from public internet per client requirements.
- Developed a custom application for US Bank to validate billing reports generated by Amazon Connect for customer query resolution.
- Ensured robust data validation and secure cloud infrastructure using AWS IAM and VPC configurations.

Declaration

I hereby state that the facts/information stated above are true and correct to the best of my knowledge and belief.

Yesu Adabala