RAKESH CHAVAN | SOFTWARE ENGINEER

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PROFESSIONAL SUMMARY

Experienced Software Engineer specializing in Java, Spring Boot, React.js, and AWS.Passionate about building scalable, user-friendly applications and solving complex problems. Skilled in both front-end and back-end development, with a focus on delivering high-quality, business-driven solutions. A strong team player who thrives in collaborative environments.

TECH STACK

- ✔ Java
- ✔ AWS (Amazon Web Services)
- ✔ Spring Boot Microservices
- ✔ Agile Project Managment : Jira
- ✔ React js
- ✔ BitBucket,Git:Version Control
- ✔ Kafka, SQS, SNS, Lambda: Event-Driven Architecture
- ✔ Docker/Kubernetes

PROFESSIONAL EXPERIENCE

Crossasyst Infotech Pvt Ltd, Airoli, Navi Mumbai

Software Developer | 1 August, 2022 - Present

- Developed scalable Java Spring Boot application to enhanced backend system.
- Designed and maintained the database structures.
- Created and integrated necessary APIs contract for smooth communication between different services.
- Stayed updated with emerging technologies for continuous improvement.
- Collaborated in Agile environments for project success.
- Utilized version control systems for streamlined development.
- Experience with building RESTful APIs and microservices by using Java and Golang.
- Familiarity with ReactJs for consistent and visually appealing UI design.

RELEVANT PROJECTS

Healthcare Project (USA)

This is healthcare domain project. It is a Development and implementation for a centralized Electronic Health Records (EHR) system for leading hospitals in the USA, providing patients with Continuity of Care Documents (CCD) and Patient Health Records (PHR). Integrated with hospital systems, ensured compliance with standards like HL7 and HIPAA, prioritized security, and empowered patients to access and manage their health information online.

- Tech Stack used:
    - Java
    - Golang : go-kit, sqlboiler, gorilla/mux
    - ReactJs
    - Kafka
    - Docker
    - AWS

- **Responsibility**

  - Designed and developed backend microservices using **Java & Golang to improve scalability, modularity, and performance.**
  - Responsibility to design and create **Rest endpoints / API's using Java & Golang** to fulfill clients requirement.
  - Collaboration with the team to define **microservice boundaries, APIs, and communication protocols.**
  - Integrated various third-party APIs, including **FHIR** (Fast Healthcare Interoperability Resources) standards, to streamline healthcare data exchange between systems.
  - Participate in **code reviews**, provide technical guidance, and contribute to architecture discussions to ensure the success of the microservices migration project.
  - Created efficient database **queries** and optimized data access patterns.
  - Writing unit tests and ensuring the quality of code through testing methodologies.
  - Utilized tools like **Swagger/Open-API** for API documentation and design.

AWS Lex ChatBot

- Designed and deployed an AWS Lex chatbot to handle appointment-related tasks, enabling users to perform CRUD operations efficiently.
- Implemented the chatbot's logic using AWS Lambda functions written in Java and Python, ensuring seamless interaction with users.
- Integrated the chatbot with backend APIs developed in Spring Boot, enabling seamless communication and data exchange.
- Developed a user-friendly interface using Angular, providing a smooth and intuitive experience for users interacting with the chatbot.
- **Significantly reduced the time required for appointment-related tasks, optimizing the process from the traditional 8-10 minutes to just 1 minute, resulting in improved efficiency and productivity.**

EDUCATION

2017 - 2020 | University of Mumbai

Institute - MGM's College of Engineering
Bachelor of Engineering
CGPA : 7.4

CERTIFICATION

- [**AWS Certified Developer Associate**](#)

- **Full Stack Java Development**
  Institute - IT Vedant Education Pvt Ltd

SOCIALS

in rakeshchavan   github.com/rakeshchavan