

ANKUR AJANALKAR

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Bangalore, INDIA

EDUCATION:

Bachelors, Computer Science | Walchand Institute of Technology, Solapur | (9.5/10.0 CGPA) [Aug 2019 - July 2023]
Courses: Web Technology, Database Systems, Operating Systems, AI/ML
Senior Secondary, Science | Kendriya Vidyalaya Central Railway, Solapur | (74.4%) [June 2016 - May 2018]

SKILLS:

Programming Languages	: Java, Python, C, C++
Backend Technologies	: Spring, Spring Boot, Hibernate, REST APIs, Microservices
Databases	: MySQL, MongoDB, PostgreSQL
Cloud & DevOps	: AWS (S3, EC2, Lambda), Docker, Terraform
Testing & Security	: Junit, Mockito, SonarQube, OAuth 2.0, JWT
Other Tools	: Git, Maven, RabbitMQ

EXPERIENCE:

Software Engineer, Persistent Systems, Bangalore, India [Sept 2023 – Present]

Java, Spring Boot, Google Vertex AI, Docker, Rest API, Unix/Linux

- Engineered and deployed custom Spring-based connectors (Jira, Slack, Box, ServiceNow), automating data extraction and improving retrieval efficiency by 35%.
- Optimized API performance by implementing full and incremental data crawling, reducing query execution time by 40%..
- Configured secure API integrations via synrun files, increasing data transfer security by 24%.
- Deployed and managed applications using Docker, ensuring 99.9% uptime and consistent development environments.
- Integrated Google Cloud Storage and Vertex AI, accelerating data analytics processing by 30%.

Full Stack Developer Intern, Persistent Systems, Pune, India [Jan 2023 – June 2023]

Java, Spring Boot, Hibernate, JavaScript, SQL, Git, REST API

- Designed and implemented enterprise-grade applications using Java (J2EE, Java 8+), leveraging multithreading and collections for enhanced performance.
- Developed scalable, high-performance applications utilizing Spring Boot, Hibernate, and REST APIs.
- Strengthened application security by integrating Spring Security and JWT authentication.
- Optimized MySQL queries, improving execution speed and database efficiency.
- Applied design patterns and best practices to improve application architecture, maintainability, and scalability.
- Increased test coverage from 70% to 94% by refactoring codebase using Junit and Mockito.

PROJECTS:

Quizzy - Assessment Platform

Java, Spring Boot, Spring Security, Mockito, SonarQube, RabbitMQ

- Developed a web-based assessment platform enabling students to take quizzes and receive automated results via email.
- Built an admin dashboard allowing trainers to create quizzes and manage users.
- Secured authentication using Spring Security and enhanced code reliability with Mockito and SonarQube.
- Integrated RabbitMQ for real-time messaging, ensuring seamless communication between microservices.

AQUA GO - OnDemand water delivery app solution

Flutter, Dart, Firebase

- The app provides ordering and managing water bottle with active service providing local businesses on Google Map with real-time locations of each business.
- Integrated Razorpay for payment processing and utilized Firebase at backend, enabling users to track delivery providers, view history, access multiple businesses, and pay using various payment methods.

CERTIFICATIONS & ACHIEVEMENTS:

- 2024 AWS Certified Cloud Practitioner – Amazon Web Services
- 2024 Bravo - Team Award for contribution in fixing RESTAPI Junit cases and fixing most of Test class issues
- 2023 ISTE Student Chapter President – Led 100+ students in technical initiatives
- 2020 Winner – Synfig Studio 2D Animation Hackathon (IIT Bombay)