Shubham Boke

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About

Motivated Software Engineer with 2 years of hands-on experience in full-stack web development. Proficient in Java, Python, and advanced frameworks such as Spring Boot and Flask. Skilled in system design, database optimization, cloud services (GCP), automated testing, and performance tuning. Backed by strong problem-solving abilities, efficient delivery, and a commitment to code quality and user experience.

Professional Experience

RapidKen.AI | Software Engineer *Jan 2024 – April 2025*

- EdTech Learning Platform | Java, Spring Boot, JPA, Hibernate, ElasticSearch, GCP
  * Developed and optimized RESTful APIs for a scalable EdTech platform utilizing knowledge graphs and ElasticSearch for rapid, precise information retrieval.
  * Improved system performance through rigorous code reviews, refactoring, and UI/UX enhancements.
  * Proactively identified and resolved bugs, supporting a stable learning experience and boosting platform reliability.
  * Led UI optimization efforts, ensuring seamless integration between backend and frontend for improved user satisfaction.
  * Implemented comprehensive JUnit test cases and performance testing (using JMeter) to guarantee resiliency, maintainability, and peak efficiency.
- AI Exam Practice Chatbot | Python, Flask, HTML/CSS/JS, GCP
  * Engineered the complete backend for an AI-powered chatbot, enabling dynamic practice for exam questions and seamless deployment with Google Cloud Functions.
  * Achieved a 45% performance improvement in data queries by optimizing database architecture and API logic.
  * Designed and optimized user interfaces for the frontend, achieving 20% faster First Contentful Paint (FCP) for enhanced user engagement.
  * Implemented full authentication workflows with Google OAuth 2.0, ensuring secure and user-friendly access.
  * Automated functional, load, and UI testing using Selenium and Locust, delivering reliable and scalable performance even under high traffic.
  * Consolidated backend APIs into serverless Google Cloud Functions to reduce infrastructure complexity and operational costs by 20%.

AccioJob:

- Completed Full Stack Web Development Course.
- Solved more than 1000 DSA questions on Acciojob platform including 400+ questions of medium to hard level.

Education

College of Engineering, Pune Pune
B.Tech in Computer Science *2018 – 2022*

Technical Skills

Languages : Java, Python, JavaScript, Typescript, HTML, CSS, SQL (MySQL, PostgreSQL)
Frameworks & Libraries : Spring Boot, JPA Hibernate, Flask, React, NextJS, NodeJS
Cloud & Tools : Google Cloud Platform, AWS, JMeter, Selenium, Locust, IntelliJ, Git, Maven
Concepts : DSA, OOP, DBMS, REST APIs, Automated Testing