Nikhil Shinde

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EXPERIENCE

Upstox – Bangalore, India

Software Development Engineer - 2 Backend   *Mar - 2022 – Present*

- Optimized heavy data loading process by using multi-threading, async processes, scheduled jobs, caching, and query optimization, resulted in a reduction of processing and loading time by more than 150%
- Analyzed microservice and proposed design changes for better performance and cost-efficiency. Upon implementation, an API performance was boosted by 50%, and response time and load decreased by 80%
- Refactored 8000+ lines of spring-boot-based microservice by introducing missing design patterns and utilities, making it ready for production deployment allowing early go-live
- Stabilizing risk monitoring service by finding out logical and technical bugs in a short time, A very critical service responsible for managing high-margin trading.

Netcracker Technology – Pune, India

Software Development Engineer - 1 Backend   *Jul - 2019 – Feb 2022*

- Revamped in-house back-end test automation project by refactoring and restructuring the existing codebase, achieved an increase in throughput by 20%
- Designed and automated 50+ E2E tests using TestCafe & Cucumber, simulating actions covering more than 70% of features of the product for both back-end and front-end
- Improved JUnit coverage of cloud-ready microservices from 20% to 90% for 5,000+ lines of code in collaboration with a team of two by simulating mock-responses using open-source mock-server
- Built backup checking system to check accuracy and state of the backup taken using Java and spring boot, Which impacted in identifying the critical gaps in the backups
- Strengthened code quality of highly scalable and available microservice, By fixing up to 90% of SonarQube minor, major and critical code smells, resulting in a significant performance boost and secure codebase
- Resolved and reduced bugs of spring-boot-based microservice for pre-production, Production, and post-production patches

PROJECTS

Static Website - Pune, India

Developer   *Jul 2020 – Dec 2020*

- Designed and Developed single-page static websites in Vue hosted on GitHub, Deployed on Netlify with continuous integration and continuous deployment, and Decreased manual work by almost 90%

Mock Server, Mock Data Generator - Pune, India

Developer   *Jul 2019 – Dec 2019*

- Developed a replica of one of the features of Postman, which mocks the response as per our specification making it useful for testing restful services with high volumes of data for performing stress volume testing

ACHIEVEMENTS

- Received 5 Stars Gold Badge on Hackerrank for data structures and algorithm
- Achieved 3 Stars with the highest rating of 1783 on CodeChef which is 90+ percentile around the globe
- Secured ranks under 1000 out of 15,000+ contestants in 5+ LeetCode and 10+ CodeChef's contests

EDUCATION

Kolhapur Institute of Technology – Kolhapur, India   *May - 2015 - May 2019*
Bachelor of Engineering, Computer Science

ADDITIONAL

Technical: Java, JavaScript, Spring Boot, Test Automation, Vue, Data Structures & Algorithm, Git
Profiles: codechef.com/users/nikkkhilshinde, codeforces.com/profile/nikkkhilshinde