Nikhil Shinde

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EXPERIENCE

Netcracker Technology – Pune, India

Software Developer (Backend)   *Mar 2020 – Present*
- 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
- Revised code changes strategy by introducing basic guidelines and best practices which reduced post-deployment defects by more than 20% and reduced test time by 10%
- Performed in-depth review of microservice's code-flow to find and fix security breaching logs

Junior Software Developer (Backend)   *Jul 2019 – Mar 2020*
- 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, resulted in a significant performance boost and secure codebase
- Resolved and reduced bugs of spring boot based micro-service for pre-production, Production, and post-production patches
- Monitored and Analyzed microservices for any bottlenecks using Prometheus and Grafana and estimated resource requirements by performing stress volume testing and reducing unwanted resource wasting by 10%
- Facilitated code smell reduction thinking workshop for 10+ developers to identify and prioritize code smells to reduce post-deployment bugs and performance issues

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, Decreased manual work by almost 90%

Mock Server, Mock Data Generator - Pune, India

Developer   *Jul 2019 – Dec 2019*
- Developed a system that mocks rest responses in high volumes with all possible rest methods and authentication mechanisms resulted in 70% improved productivity
- Built supportive system for mock server for generating high volumes of responses for performing stress volume testing, which led to an 80% reduction in manual work

ACHIEVEMENTS

- Received 5 Stars Gold Badge on Hackerank 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's and 10+ CodeChef's contests

EDUCATION

Kolhapur Institute of Technology – Kolhapur, India   *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