Ayush Kumar Shaw

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SKILLS

LANGUAGES
Java • Python • Javascript
• HTML • CSS • C • C++
• Shell • SQL

FRAMEWORKS
Spring Boot • Django REST

TOOLS
Git • GitHub • GitLab • Mockito
• JUnit • Apache Tomcat • LaTeX
• jQuery • JDBC • Gradle • Selenium
• Wireshark • Postman • IntelliJ IDEA
• VSCode • Eclipse • Sublime Text

DBMS
Oracle • MySQL • MongoDB

PLATFORMS
Linux • GCP

SOFT SKILLS
Leadership • Technical Content Writing

LINKS

LinkedIn:// **ayush-shaw**
GitHub:// **Ak-Shaw**

EDUCATION

B. TECH
Computer Science and Engineering
BGI - SDET | Aug 2017 - July 2021
West Bengal, India
DGPA: 8.96 / 10.0

VOLUNTEERING

CRIO ADVOCATE
Crio.Do
Oct 2020 - Present
Aided in orchestrating HacktoberFest 2020 and July 2021 edition of IBD and acted as OSS maintainer and reviewer.

ACCOMPLISHMENTS

TCS CODEVITA
Season 8 Round 1 | India zone 1
RANK: 574 OUT OF 2562
Aug 2019

EXPERIENCE

YELLOW CLASS | Software Development Engineer II
July 2021 - Present | Gurugram, Haryana, IN

JAROBLE | Backend Developer
May 2021 - Jun 2021 | Remote
- Technologies Utilized: **Python**, **Django REST**
- Implemented **Sign-In** functionality and **Sign-Up utilities**
- Built **Microservices** for **Social Media** aspect of the platform and backend for Quiz application.

CRIO.DO | Software Engineer (Content) - Intern
Nov 2020 - Jan 2021 | Remote
- Contributed **instructional designs** for 6 individual projects which served as **learning content for software developers**.
- Actively **reviewed instructional designs** for projects proposed for the **Crio Projects Hub** in the **Crio-projects** GitHub organisation.
- Checkout my contributions here: https://crio.do/projects

CRIO.DO | Student Backend Developer - Trainee
Feb 2020 - Aug 2020 | Remote
- Contributed to these projects: a **secure file-sharing service**, a **visual stock portfolio analyzer**, an **online IDE**, a scalable distributed back-end of a **food ordering application** and constructed APIs for a **quiz application**.
  Portfolio showcasing contributions as a student developer: criodo.github.io/portfolio-ayushshawz/

PROJECTS

VISUAL STOCK PORTFOLIO ANALYZER
Mar 2020 – Apr 2020 | Guided Individual Project
- Technologies Utilized: **Java**, **SpringBoot**
- **Refactored** code **to adapt** to an **updated interface contract** published by the back-end team.
- Brought **comprehensive error reporting** and better **exception handling** into picture, which further **improved application stability**.
- **Multi-threading** was introduced to improve application responsiveness.

FOOD ORDERING APPLICATION
Jan 2020 – Aug 2020 | Guided Individual Project
- Technologies Utilized: **Java**, **SpringBoot**, **MongoDB**
- Implemented a simple **REST API** and the corresponding request handler and response methods.
- Code reliability was demonstrated, utilizing **JUnit** and **Mockito** behind the scenes.

SECURE FILE-SHARING SERVICE
Feb 2020 – Apr 2020 | Guided Individual Project
- Technologies Utilized: **Bash**
- **Identified regressions** in newer versions of the server. Performance issues were debugged by **monitoring** the **memory usage**, **cpu usage**, **file transfer speed**, and **file permission issues**.
- Analyzed collected **pcap** files using **Wireshark** to troubleshoot the following network issues: **TCP retransmissions**, **connection refusals**, **dropped connections**, **sub-optimal TCP window sizes** and **retransmission delays**.