

Ayush Kumar Shaw

ayushshawz@gmail.com | +91 98312-84491

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
Cum. GPA: 8.98 / 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

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 DEVELOPER (CRIO LAUNCH PLUS 2020) - TRAINEE

Apr 2020 - Aug 2020 | Remote

- Contributed to a scalable distributed back-end of a food ordering application and constructed APIs for a quiz application.

CRIO.DO | STUDENT DEVELOPER (CRIO LAUNCH 2020) - TRAINEE

Feb 2020 - Apr 2020 | Remote

- Contributed to these projects: a secure file-sharing service, a visual stock portfolio analyzer, and an online IDE.

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**.