

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 - SDT | 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.