Ayush Kumar Shaw

linkedin.com/in/ayush-shaw/
ayushshawz@gmail.com | +91 98312-84491

SKILLS

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

FRAMEWORKS
Spring • Spring Boot

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

DBMS
Oracle • MySQL • MongoDB

PLATFORMS
Linux • GCP

SOFT SKILLS
Leadership • Writing
• Time Management

LINKS

LinkedIn:// **ayush-shaw**
GitHub:// **Ak-Shaw**
Twitter:// **@akshawz**

EDUCATION

BGI - SDET
B. Tech in Computer Science
and Engineering
June 2021 | West Bengal, India
Cum. GPA: 7.8 / 10.0

COURSEWORK

UNDERGRADUATE

Database Management System
Computer Networks
Operating Systems
Object Oriented Programming
Data Structures & Algorithms
Design & Analysis of Algorithms
Digital Electronics
Discrete Mathematics
Computer Organisation
Computer Architecture

EXPERIENCE

CRIO.DO | Student Developer (Crio Launch 2020)
Jan 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:
criodo.github.io/Crio-Launch-Feb-2020-ayushshawz/

PROJECTS

VISUAL STOCK PORTFOLIO ANALYZER
Mar 2020 – Apr 2020 | Guided Individual Project
- Developed to help portfolio managers make trade recommendations for their clients.
- Utilized stock quote services via **REST APIs**.
- Published the portfolio manager library as a **JAR**.

FOOD ORDERING APPLICATION
Jan 2020 – Aug 2020 | Guided Individual Project
- Built a distributed **Java** back-end.
- Adhered to **MVCS** layering.
- **MongoDB** aided storage.
- Utilized **JUnit** and **Mockito** for testing.
- Executed Facebook Share API, Pinterest Share API, and Clarifai API.

SECURE FILE-SHARING SERVICE
Feb 2020 – Apr 2020 | Guided Individual Project
- Installed a customized version of the **VSFTPD** server.
- Debugged performance issues.
- Troubleshot network issues by collecting and analyzing **pcap** files using **Wireshark**.
- Enabled end-to-end encryption by creating **SSL** certificates.

QUIZ APPLICATION
Aug 2020 | Guided Individual Project
- Created **API** for **GET** and **POST** request.
- Utilized **Spring Boot** along with **MongoDB**.
- Usage of **Postman** verified the implementation of the APIs.
- Wrote unit test cases to demonstrate code reliability by utilizing **JUnit** and **Mockito**.

ACCOMPLISHMENTS

TCS CODEVITA SEASON 8 ROUND 1 | INDIA ZONE 1
RANK: 574 OUT OF 2562
Aug 2019

CERTIFICATIONS

PROBLEM SOLVING THROUGH PROGRAMMING IN C
NPTEL18CS10S3510040
May 2018