

Dhrubajyoti Neogi

 [dhruboneogi15](#)  [neogi-dhrubajyoti](#)  dhruboneogi10@gmail.com  +91 9163752413

 CF (main)  CF (practice)  Atcoder  CodeChef  LeetCode

EDUCATION

B.Tech, Computer Science and Engineering, National Institute of Technology, Durgapur 2021 - 2025
CGPA: 8.90 / 10.00

EXPERIENCE

Software Engineering Intern @ Texas Instruments - Onsite **Jan 2025 - April 2025**
Docker, Kubernetes, Git, PySpark, Apache Airflow 3-months

Migrated Apache Airflow pipelines from the scsdev Kubernetes cluster to the scsnonprd environment, enabling production-level validation and stability testing. Ensured a seamless transition by managing dependencies, configurations, and DAG behaviors. Actively contributed to CI/CD integration and monitored pipeline behavior post-migration for consistency and performance.

Software Engineering Intern @ BNY Mellon - Onsite **May 2024 - July 2024**
HTML, CSS, TypeScript, GitLab, CI/CD, Scrum, and JIRA 3-months

Developed and maintained Angular 6 plugins initially integrated with Nexen, later decoupling them into standalone web applications. Ensured smooth deployment using CI/CD pipelines, managed reverse proxy setups, handled CORS and app configurations, and contributed to production readiness using GitLab, JIRA, and the Scrum framework.

PROJECTS

Expense Tracker Web Application  GitHub

HTML, CSS, Javascript, Java, Spring, Spring Boot, SQL

Built a full-stack application using Spring Boot and MySQL to enable user authentication and real-time expense management through RESTful APIs. Designed a responsive frontend with HTML, CSS, and JavaScript, and implemented a layered MVC architecture for scalable and maintainable backend development.

Block ADs  GitHub

Python, Socket Programming, Multi-threading, UDP Protocol and Header format

Engineered a **scalable** DNS based Ad blocker, that prevents unwanted advertisements from appearing on screen of any device, connected to a specific router, within a local network with Server virtualization, Network virtualization, Storage virtualization

MCQ-Based Online Exam Platform  GitHub

C++, Multithreading, Mutex, Socket Programming (TCP/UDP), Makefile

Built a multithreaded MCQ exam platform in C++ using TCP/UDP socket programming for real-time student-instructor interaction. Used mutexes for thread safety, added instructor tools for question uploads and grading, and enabled timed exams. Automated builds with Makefile.

SKILLS

- Languages: **C/C++, Python, JavaScript, Java, HTML, CSS, SQL, Bash**
- Frameworks/Libraries: Angular 6, PySpark, Docker, **Kubernetes, Apache Airflow**
- Tools/Technologies: Git / GitHub, GitLab, Jenkins (CI / CD), Linux / Unix, Distributed systems, GenAI

ACHIEVEMENTS

- Codeforces: **Expert** | Max Rating: **1703** | Best Rank: **1165**
- CodeChef: **4*** | Max Rating: **1999** | Global Rank: **38**
- Solved: **1200+** problems on Codeforces, **300+** on CodeChef, **500+** on LeetCode
- AIR 11032 in JEE Mains 2021 | Rank 633 in WBJEE 2021
- **1st in School in Mathematics Olympiad** (2016)
- **Top 10** in ICSE and ISC

POSITION OF RESPONSIBILITY

Class Representative @ CSE 2025 Batch

Jan 2022 - April 2025

Coordinated **20+** class events and represented the class in **3** departmental meetings.