

Akshat Sharma

[LinkedIn](#) | aksharma.nsut@gmail.com | [+91-9289490331](tel:+91-9289490331)
[Github](#) | [Codeforces](#) | [CodeChef](#) | [LeetCode](#)

EDUCATION

NETAJI SUBHAS UNIVERSITY OF TECHNOLOGY

B.TECH IN COMPUTER
SCIENCE AND ENGINEERING
2022 – 2026 | New Delhi, India
CGPA: 6.52 / 10

TECHNICAL SKILLS

LANGUAGES

C++ (most proficient), Python, JavaScript

FRAMEWORKS & LIBRARIES

React, Node.js, Next.js, Redux Toolkit,
Express.js, Expo (React Native), NumPy,
Pandas, Matplotlib, Seaborn, scikit-learn

DEVOPS & TOOLS

Git, GitHub, MongoDB, MySQL, Docker,
Microsoft Azure, Vercel

COURSEWORK

Data Structures & Algorithms,
Object-Oriented Design, Operating Systems,
Computer Networks, Database Management
System, Object Oriented Programming

ACADEMIC

ACHIEVEMENTS

- 99.06%ile JEE Mains 2022 (AIR 8,557);
qualified JEE Advanced 2022
(AIR 22,035)
- Authored IEEE format research paper
under Prof. Abhinav Tomar

HONOURS &

RESPONSIBILITIES

- Chosen for **Accelerator Programming
Camp 2025 (AlgoUniversity)** - among
top 1.4% of 40,000+ applicants.
- Graphs Camp by Codeforces Master** –
Featured in the Hall of Fame among
80,000+ students.
- Class Representative (Sem 1–2)** of
120+ students, organized Ethnic Day in
collab with fellow CRs.
- Member of Debating Society** :
Participated in MUNs and debates ,
enhanced articulation skills

WORK EXPERIENCE

D LANGUAGE FOUNDATION | OPEN SOURCE CONTRIBUTOR

Mar 2025 – Apr 2025 | Remote

- Worked on fixing long standing issues of D Language standard library (Phobos)
- Collaborated with the open-source community via GitHub , mailing and Video call
- Key Contributions :**
 - Resolved a critical segmentation fault, improving error response quality -
[Issue](#) - [PR](#)
 - Improved error message when trying to convert an infinite input range to a
string [Issue](#) - [PR](#)
 - Gracefully tackled an infinite loop during runtime for a niche test-case
[Issue](#) - [PR](#)
 - Performed a performance analysis of primitive JSON parser of D Lang
(jsoniopipe) with Industry level parsers of C++ (Rapidson and Simdjson) -
[Repository Link](#) - [Report Link](#)
- Got recognized by the organization as an [Official Contributor](#) [Look for
"Akshat(DeterminedSage)"]

ALGOUNIVERSITY | SWE CO-OP INTERN

May 2025 – Jun 2025 | Remote

- Engineered **LeafCoders**, an AI-powered Online Judge system based on the theme of a
popular Japanese series (**Naruto**) using the **MERN stack**, simulating real-world
distributed platforms. [Live Project Link](#) | [Github](#)
- Designed scalable backend microservices, using JWT authentication and
multi-language code execution.
- Developed RESTful APIs with MongoDB and Express.js for CRUD operations with
optimized schema design for large question datasets as well as leveraged Docker for
containerization and deployment on Azure VM.
- Integrated **Gemini-powered AI code review** module for real-time feedback .
- Implemented anime-themed UI using React and enhanced user interaction via
dynamic component rendering.

COMPETITIVE PROGRAMMING PROFILE

- Rating:**
[Codeforces: 1644 \(Expert\)](#) [CodeChef: 1921 \(4 Star\)](#)
- Best Performances:**

CC Starters 185D : Rank - 140/14k+	CF Round 1009 (Div. 3) : Rank - 236/22k+
CC Starters 192B : Rank - 154/1641	CF Round 1032 (Div. 3) : Rank - 413/21k+
CC Starters 187B : Rank - 263/1380	CF Round 1013 (Div. 3) : Rank - 588/21k+
CC Starters 191B : Rank - 336/1838	CF Round 980 (Div. 2) : Rank - 654/21k+
- 110+ contests and 1300+ problems across platforms

PROJECTS

- InvoicePro: Professional Invoice Generation Platform** [Live Project](#) | [GitHub Repo](#)
 - Architected a scalable SaaS-based invoicing system using **Next.js 14**, **TypeScript**,
& **MongoDB**.
 - Built secure, distributed authentication via JWT & OTP-based email verification
via Nodemailer & Gmail SMTP.
 - Employed Redux Toolkit and Tailwind CSS to manage global state and responsive
design across organizations and invoice templates as well as integrated RESTful
backend APIs .
 - Enabled multi-tenant support, real-time invoice calculation, & seamless
deployment using Docker and Vercel.