

# Akshat Sharma

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[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](#) - [Report](#)
- Got recognized for the contributions by the organization as an [Official Contributor](#)

### ALGO UNIVERSITY | 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:**

<a href="#">CC Starters 185D : Rank - 140/14k+</a>	<a href="#">CF Round 1009 (Div. 3) : Rank - 236/22k+</a>
<a href="#">CC Starters 192B : Rank - 154/1641</a>	<a href="#">CF Round 1032 (Div. 3) : Rank - 413/21k+</a>
<a href="#">CC Starters 187B : Rank - 263/1380</a>	<a href="#">CF Round 1013 (Div. 3) : Rank - 588/21k+</a>
<a href="#">CC Starters 191B : Rank - 336/1838</a>	<a href="#">CF Round 980 (Div. 2) : Rank - 654/21k+</a>
- 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.