Devansh Khandelwal

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EDUCATION

Indian Institute of Information Technology Ranchi   Ranchi, Jharkhand
Bachelor of Technology in Computer Science and Engineering | *GPA: 8.13**   2023 - 2027

ACHIEVEMENTS

- Qualified for **ICPC Regionals** and secured **Rank 65** and **66** in Kanpur and Amritapuri Regionals
- Rated **Candidate Master** on Codeforces with Peak Rating **1964** (Top 150 in India).   Profile Link
- Rated **6 Star** at Codechef with Peak Rating **2019** (Top 150 in India).   Profile Link
- Rated **Guardian** on Leetcode with Peak Rating 2109 (Top 1% on the Platform) .   Profile Link
- Received the **AlgoUniversity (YC-backed) ATF Fellowship** with a scholarship of Rs. 100,000, awarded for outstanding performance in competitive programming and strong fundamentals, among **top 70 students** selected from over **20,000+** applicants.   Result Link
- Achieved **Global Rank 7** in CodeChef Starters 176 - Division 1 among **25,000+ participants** .
- Achieved **Global Rank 162** in Codeforces Contest 1024 among **20,000+ participants** .

WORK EXPERIENCE

Globetrotter Finance - Software Engineer Intern   *March 2025 – August 2025*

- Designed an LLM-powered AI workflow automation system for fintech services, delivering 8000+ lines of production-grade code in **Python** and **JavaScript**.
- Redesigned a production **Vue.js** platform using **Clean Architecture**, improving responsiveness, load time, and UX for 100+ active users, increasing retention by 20%.
- Implemented scalable **REST** and **gRPC APIs** in **Python** with **Protocol Buffers**, containerized with **Docker** on **Linux** for microservice communication.
- Operationalized an observability stack with **Logstash**, **AWS CloudWatch**, and **Grafana**, enabling proactive monitoring and reducing incident resolution time (MTTR) by 20%.

PROJECTS

TAP Cell Portal   *React.js, Node.js, Express.js, MongoDB, Vercel*   Frontend | Backend | Live Demo

- Engineered and deployed a full-stack **Training Placement portal** for **IIIT Ranchi**, automating recruiter–student workflows and reducing manual overhead by **50%**.
- Collaborated with 5+ engineers to design **monolith backend** with **Node.js**, **Express**, **AWS S3**, and **JWT**, enabling secure, scalable handling of placement records.
- Executed interactive dashboards, announcement modules, and mobile-responsive UI in **React.js + Tailwind**, enhancing usability for **500+ students**.
- Launched via **Vercel** with automated **CI/CD pipelines**, improving **release velocity**, uptime reliability, and cross-team productivity by **50%**.

Codify   *React.js, Tailwind CSS, Node.js, Express.js, MySQL, Docker, RabbitMQ,JWT*   Source Code

- Orchestrated a full-stack **competitive programming platform** with real-time code execution and evaluation features.
- Integrated **Docker-based containerization** to securely run untrusted user code in isolated environments, improving execution security by **95%**.
- Designed and optimized an **asynchronous job queue system** using **RabbitMQ**, enabling scalable handling of concurrent code submissions and reducing execution bottlenecks.

SKILLS

Languages:	C, C++, JavaScript, TypeScript, HTML, CSS, Python
Frameworks & Libraries:	Node.js, Express.js, React.js, Vue.js, Tailwind CSS, Chakra UI
Databases:	(SQL/NoSQL) MongoDB, MySQL, PostgreSQL, Redis
Developer Tools:	Git, GitHub, Docker, VS Code, Postman
Systems & Concepts:	Algorithm Design, OS Concepts (threads, memory, scheduling), Network Programming Basics , Object Oriented Programming
Platforms:	Linux, Ubuntu

POSITION OF RESPONSIBILITY

President Coding Club | House of Geeks (IIIT Ranchi)
- Led technical initiatives, mentorship and event organization for over **750+ students**