

Humanshu Jitendra Ise

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LeetCode (500+ solved, Max Rating: 1798) | CodeChef | Codeforces

EDUCATION

Pune Institute of Computer Technology
Bachelor of Engineering in Computer Engineering
– Aggregate CGPA: **9.475**

Pune, India
2023 – 2027

EXPERIENCE

MindStrix
Software Engineer Intern

Pune, India
2026 – Present

PROJECTS

- TeamSketch – Real-Time Collaborative Whiteboard** | *React, Node.js, Socket.IO, Redis, AWS* 2026
- Built a real-time collaborative whiteboard with React, TypeScript, and Fabric.js, powered by Socket.IO and Redis Pub/Sub state sync.
 - Integrated secure JWT/Google OAuth authentication along with real-time text and voice communication.
 - Automated build and deployment workflows to AWS EC2 and S3 using a GitHub Actions CI/CD pipeline.
- CodeRiot – Real-Time Competitive Coding Platform** | *FastAPI, PostgreSQL, Redis, Docker, WebSockets* 2025
- Engineered real-time matchmaking using WebSockets and a Redis queuing system.
 - Built a secure Docker-sandboxed code execution microservice using FastAPI.
 - Developed JWT-authenticated REST APIs and an interactive React code editor UI.
- StrideUp – AI-Powered Fitness Assistant** | *Python, Flask* 2024
- Developed a fitness recommendation system generating personalized diet and workout plans based on user input parameters such as age, BMI, and fitness goals.
 - Implemented machine learning algorithms to classify user fitness levels and suggest suitable routines.
 - Built backend logic using Flask to handle user data processing and recommendation workflows.

PUBLICATIONS

An Integrated Competitive Coding Platform Using Docker Sandboxing and Redis Queue Matchmaking First Author
Presented at *International Conference on Emerging Technologies (ICEMTEC)*, 2026, Pune, India
Proposed and evaluated a scalable competitive coding architecture leveraging Docker-based sandboxed execution and Redis-powered real-time matchmaking queues.

ACHIEVEMENTS & HACKATHONS

- Code with Cisco** July 2026
Bengaluru, India
- Selected as a National Finalist (Top 75) out of 80,000+ applicants in Code with Cisco, ultimately winning the Demo Dynamo Award for delivering the best project demonstration among the top 25 competing teams.
- Mastercard <Code for Change> Hackathon** Aug 2025
Pune, India
- Selected among top 200 participants from 1500+ applicants to build sustainable NGO-focused technology solutions.

SKILLS

Programming: Python, C++, JavaScript, TypeScript, Java
Frontend: HTML, CSS, React, Tailwind CSS
Backend: Node.js, Express, FastAPI, Flask
Databases: MySQL, MongoDB, PostgreSQL, Redis
Cloud & DevOps: AWS (EC2, S3), Docker, GitHub Actions, CI/CD, WebSockets, Socket.IO, Git
CS Fundamentals: Data Structures and Algorithms, Object-Oriented Programming, Operating Systems, Computer Networks, Distributed Systems