

Alfez Tintoiya

Gandhinagar, Gujarat

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Work Experience

Rebel Minds (PDEU IIC Incubated Startup)

May 2025 - July 2025

Software Engineer Intern

Gandhinagar, Gujarat

- Developed and optimized **RESTful Node.js microservices (Express.js)** by improving **database queries and connection pooling**, resulting in 25% reduction in average API latency (400ms to 300ms) and **better performance under concurrent load**.
- Designed and implemented **MCP servers** to orchestrate **10+ AI agents**, enabling **parallel model inference** and improving **system scalability and production reliability** through **health checks, retries, and Docker-based orchestration**.
- Worked in an **Agile development environment**, implemented **Docker containerization**, and performed **comprehensive API testing** to ensure **stable, production-ready backend services**.

Achievements

- Codeforces - [alfez2503](#) | 1331 (Pupil)
- LeetCode - [alfez18](#) | 1942 (Top-3.4% Worldwide | Knight)
- CodeChef - [alfez18](#) | 1698 (3-Star)
- Achieved Rank 1774 in Round 2 of Meta Hacker Cup 2025 [Certificate](#).
- Solved 1000+ algorithmic problems across various online platforms and judges.

Technical Skills

Expertise Area/Area(s) of Interest: Data Structures and Algorithms, Backend Development

Programming Languages / Frameworks: C, C++, Python, JavaScript, HTML/CSS, Node.js, MCP, SQL

Core: Data Structures and Algorithms, Database Management Systems, Operating Systems, Computer Networks, OOPS

Tools/Technologies: Git, GitHub, MCP, Docker, Postman, Supabase, Firebase

Projects

VirtualHire Remote Interview Platform | *MERN Stack, TypeScript, WebRTC, WebSockets*

[GitHub Link](#)

- Built a scalable WebRTC-based video calling service supporting real-time interviews, along with a Monaco-based collaborative code editor synchronized using WebSockets.
- Implemented **WebRTC** for peer-to-peer communication and **WebSockets** for real-time synchronization.
- Integrated **JWT**-based authentication system.

Resumind - AI Resume Analyzer | *MERN Stack, PostgreSQL, Gemini API, Supabase, Cloudinary, JWT* [GitHub Link](#)

- Built an AI-powered resume analysis platform with section-wise evaluation, **ATS optimization**, and role-specific recommendations.
- Implemented secure **Google OAuth** integration, cloud-based PDF processing, and real-time progress tracking with optimized API design.

Education

Pandit Deendayal Energy University

Aug 2022 – May 2026

Bachelor of Technology in Computer Science and Engineering

Gandhinagar, Gujarat

CGPA: 8.1

Leadership & Activities

Encode - Computer Science Club Of PDEU

Competitive Programming Committee Member

- Designed and hosted **15+ hands-on coding workshops** on data structures and algorithms, engaging 50+ students across multiple batches.