

# MOHD FAIZ

Sector-62, Noida, UP, India

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## EDUCATION

### JSS Academy of Technical Education, Noida

B.Tech. in CSE (AI & ML) - SGPA: 8.46

Sep 2022 – May 2026

Noida, UP, India

### Little Angels School

X: 88.6%, XII - PCM & Computer: 88%

Apr 2019 – Apr 2020

Pilibhit, UP, India

## TECHNICAL SKILLS

**Programming Languages:** C++, Python, JavaScript, TypeScript

**Web Technologies:** React.js, Node.js, Express.js, MongoDB, Next.js, HTML, CSS, Tailwind CSS

**Coursework:** Data Structures and Algorithms, Object-Oriented Programming, Artificial Intelligence, Machine Learning, Deep Learning, System Design, Database Systems, Computer Networks, Operating Systems.

## EXPERIENCE

### Codtech IT Solutions Pvt. Ltd

Aug 2025 – Oct 2025

*Full-Stack Web Development Intern*

(Online)

- Designed and established a **journal application** with secure authentication and a modern interface using Next.js, Shadcn, Clerk, Neon (PostgreSQL), and Tailwind CSS, supporting **110+** users with **98%** uptime.
- Crafted **7+ REST APIs**, real-time messaging for **30+** concurrent users, and a collaborative editor using React, Node.js, Express.js, Socket.IO, and MongoDB.

## PROJECTS

### ZyCode – Online Coding Platform | MERN, Tailwind CSS, DaisyUI, Redis, Judge0, JWT



- Developed a full-stack **coding platform** similar to **HackerRank** with an online code editor, multiple language code execution (**8+**), and an integrated **AI chat system**, improving user productivity by **35%**.
- Integrated **Judge0 API** to securely compile and execute code with **95%** execution reliability across **10+** languages.
- Created a feature-rich code editor using **Monaco Editor** with syntax highlighting and language support.
- Implemented authentication using **JWT access tokens**, **refresh tokens**, cookies, and **role-based access control**, securing **100%** protected **user and administrator** workflows.
- Utilized **Redis** for caching frequently accessed tokens and optimizing API response times by **45%**.
- Architected a scalable backend using **Node.js**, **Express**, and **MongoDB** to manage **1000+** submissions.

### Hired – Job Portal Web Application | React (Vite), Supabase, Clerk, Tailwind CSS, Vercel



- Built a full-stack job portal with **user registration**, **job posting**, and **applications**, improving matching by **30%**.
- Enabled secure **authentication** and **RBAC** using **Clerk**, ensuring **99%+** security.
- Utilized **Supabase** for **real-time synchronization** and query optimization, reducing page load times by **40%**.

### Heart Disease Prediction System | Python, Scikit-learn, Pandas, Streamlit



- Engineered a **machine learning** web application using a **KNN classifier**, achieving **87%** prediction accuracy.
- Delivered an interactive **Streamlit** interface to collect **5+** patient features and display real-time predictions.
- Applied **feature scaling**, **one-hot encoding**, and **model persistence**, improving model stability by **25%**.

## ACHIEVEMENTS

- Codeforces **Specialist** with **670+** problems solved, reflecting consistent performance in **competitive programming**.
- LeetCode **Knight**, solved **750+** questions and secured a **Global Rank of 564** by solving all problems in the contest.
- Completed **100%** of the **Striver A2Z DSA Sheet**, strengthening core concepts in data structures and algorithms.
- **Meta Hacker Cup 2025** Round 1 Rank **2419**, Round 2 Rank **1833** and Qualified for Meta Hacker Cup **T-Shirt**.

## LEADERSHIP & CERTIFICATIONS

- **Team Leader**, Final Year Project on Pneumonia Detection, **leading project planning and team coordination**.
- Complete Web Development Course (**Udemy**); Advanced Foundations of Python Programming (**Udemy**).