Zaheer Khalid Khan

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EDUCATION

Thakur College Of Engineering and Technology   Mumbai, Maharashtra
Bachelor of Technology in Artificial Intelligence and Machine Learning (8.2 CGPA)   *Dec. 2021 – July 2025*

TECHNICAL SKILLS

Languages: Python, C#, SQL, JavaScript, ES6, TypeScript
Frameworks: ASP.NET Core for WebAPI, Entity Framework Core, Angular, NUnit for Testing
Developer Tools: Swagger, Git, Github, VS Code
Libraries: LINQ, Bootstrap, JWT

PROJECTS

Flight Booking Portal | *C#, ASP.NET Core, EF Core, SQL Server, Angular*   Feb. 2025 – Apr. 2025
- Designed and implemented a full-stack flight booking system enabling users to search, book, and manage flights.
- Built RESTful APIs using ASP.NET Core and EF Core for real-time data operations and user management.
- Created an intuitive Angular front-end for seamless user interaction and responsive UI/UX.
- Implemented secure user authentication, role-based access, and integrated payment simulation.
- Optimized SQL Server queries and schema to support concurrent bookings and maintain data integrity.

StockSense | *Python, Flask, FinBERT, LSTM, yFinance, NewsAPI*   Sept 2024 – Feb 2025
- Developed a stock prediction web application using Flask backend, integrating real-time news headlines and stock prices from NewsAPI and yFinance APIs.
- Designed and trained LSTM models to predict stock price trends by combining historical price data and news sentiment scores.
- Engineered a pipeline to fetch, preprocess, and store sector-specific financial news and stock data dynamically for accurate forecasting.

Attend.ai | *Python, CV2, OpenCV, Firebase*   Dec 2023 – March 2024
- Developed a real time attendance system application using OpenCV with Firebase serving as Database and CV2 GUI as the frontend
- Tracking attendance records for every entity within the frame
- Timing out the entity until the next clock-in period
- Presented prototype in Aavishkar Project Presentation 2023 (State Level)

INTERNSHIPS

Sponsorship Head   June 2023 – July 2024
ACM SIG-AI   *TCET*
- Conducted Seminars, workshops and Hackathons for members, leading to exposure of AI in various domains
- Secured sponsorships worth over Rs. 40,000, ensuring successful execution of all events
- Collaborated with industry experts to organize guest lectures, enhancing the learning experience for over 100 members
- While being the founding members of this committee, achieved a majority of chapter membership through effective promotional campaigns and outreach activities

Web Developer Intern   Dec. 2023 – Jan. 2024
AEC India   *Mumbai, Maharashtra*
- Successfully collaborated with managers to design and implement a high-quality prototype of the organization's website landing page, which was adopted as the standard template for all subsequent development, significantly enhancing workflow efficiency.

CERTIFICATIONS

Fullstack Web Development Bootcamp   Dec. 2023 – Jan. 2024
Angela Yu   *MOOC platform (Udemy)*
- ∗ Completed an intensive bootcamp covering both front-end and back-end development
- ∗ Acquired proficiency in HTML, CSS, JavaScript, and frameworks such as React and Node.js