

MUHAMMAD TAIMOOR AZIM ANSARI

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OBJECTIVE

Results-driven Software Engineer with extensive experience in full-stack development, committed to enhancing user experience and driving business growth through robust architecture and optimized systems.

SKILLS

Web & Mobile Development: React.js, Redux, Spring Boot, Node.js, Express.js, Java, JavaScript, TypeScript, Python, React Native

Databases & APIs: PostgreSQL, Firebase, RESTful APIs, GraphQL

AI & Machine Learning: PyTorch, TensorFlow, Scikit-learn, OpenAI APIs, Hugging Face, Supervised Learning, Predictive Modeling

Tools & Platforms: Git, GitHub, GitLab, Docker, Jenkins, Postman, CI/CD Pipelines, Jupyter

UI/UX & Design: Figma, Wireframing, Tailwind CSS, Bootstrap, D3.js, Chart.js

PROFESSIONAL EXPERIENCE

Site Service Software

New York, NY, USA

Software Engineer

July 2024 - Present

- Architected** and developed a scalable cloud-based solution on Microsoft Azure, utilizing a **three-tier** architecture with **React.js** and **Spring Boot**.
- Engineered RESTful APIs, optimizing server-side performance to improve system reliability and reduce load times by **30%**.
- Integrated advanced AI functionalities with **OpenAI** APIs to create an intelligent **chatbot** and a virtual assistant, enhancing the user experience and service capabilities.
- Enhanced **database modeling** to support a **40% increase** in transaction volume, ensuring improved reliability and scalability for high-demand operations.
- Automated** deployment workflows by implementing **CI/CD** pipelines with GitHub Actions and **Azure** DevOps, accelerating release cycles by **40%** and improving overall code quality.

Syntropy Inc.

New York, NY, USA

Full Stack Engineer

August 2023 - June 2024

- Directed** requirements gathering and stakeholder interviews to design a **web** platform for processing and visualizing climate data, translating complex scientific needs into user-friendly technical solutions.
- Developed** a **full-stack** data processing application, using **React.js** to create an interactive dashboard and **Node.js** to manage scalable data pipelines for ingesting and transforming large climate datasets.
- Drove the integration of third-party **OpenAI** APIs and **D3.js** to enable advanced predictive modeling and real-time data visualization, providing users with actionable insights.
- Architected** a secure cloud-based infrastructure on **Azure** that supported a **25%** increase in data throughput and ensured high availability for a global user base.

Mindstorm Studios

Remote

Game Programming Intern

June 2023 - July 2023

- Led** the development of two hyper-casual mobile games (Acquired) in **Unity**.
- Programmed** game logic in **C#** and optimized code for **performance** by 25%.
- Contributed to performance **testing**, **debugging**, and **deployment** in collaboration with the game development team.

EDUCATION

Habib University

Bachelor's, Computer Science

GPA: 3.71

CERTIFICATION

[Supervised Machine Learning](#) | [JPMorganChase - SWE Experience](#) | [Gen AI](#) | [Introduction to Python](#) - [Intermediate Python](#)