

Farhaan Khan

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LinkedIn | GitHub | Portfolio

SUMMARY

Software Engineer specializing in distributed systems and AI solutions, with expertise in blockchain, full-stack development, and scalable system architecture.

EDUCATION

Vellore Institute of Technology

B.Tech in Computer Science

Vellore, India

2022 – 2026

CGPA: 9.15 – 3× Merit Scholarship Recipient

EXPERIENCE

Imagine XR

Computer Vision Research Intern

Hyderabad, India

June 2024 – July 2024

Researched and implemented NeRF and Gaussian Splatting for 3D reconstruction, improving rendering efficiency by 30%.

Developed Unity integration for visualizing optimized point cloud data.

SKILLS

Languages: Python (Advanced), Java, C++, Go (Intermediate), JavaScript, HTML, CSS

Systems: Docker, Microservices, REST APIs, WebSockets, JWT Authentication

Data: PostgreSQL, Redis, AWS S3, ORM/SQL

AI/ML: TensorFlow, Neural Radiance Fields, Face Recognition

PROJECTS

Production Order Management System

Software Developer

2025

Developing an integrated production, inventory, and purchase order system for an electromagnet startup.

Implementing Agile Scrum methodology and CI/CD pipelines to streamline releases.

Secure File Share System

Backend Developer

2025

Built a secure file-sharing backend in Go with JWT authentication, AWS S3 storage, and Redis-based session management.

Reduced upload latency by 20% through optimized multipart upload strategies.

ChatBox: Real-Time Chat with AI Chatbot

Full-Stack Developer

2024

Created a real-time chat application integrating a custom AI chatbot, with a React frontend and Node.js backend.

Implemented WebSocket-based messaging with user authentication, room creation, and live bot interactions.