MUHAMMAD AHTISHAM

Software Engineering Undergraduate | Full-Stack & Mobile Developer

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ABOUT ME

Final-year BS Software Engineering student at FAST-NUCES with hands-on experience in full-stack (MERN) and cross-platform mobile development (React Native).
Worked on AI-powered applications, cloud-based systems, and scalable web platforms.
Strong problem-solving skills with internship experience and multiple production-level projects.
Actively seeking entry-level software engineering roles.

EDUCATION

BS Software Engineering
Fast - National University of Computer and Emerging Sciences
Islamabad, Pakistan | 2022-2026

FSC Pre-Engineering
FG Sir Syed College
Rawalpindi, Pakistan | 2020-2022

WORK EXPERIENCE

Software Engineer Intern
Turing Intelligence | june 2025 - August 2025

- Contributed to the development of AI-powered applications using modern tools and frameworks
- Collaborated with cross-functional teams to design, implement, and improve features
- Followed modern software development practices, including version control and code reviews

Web Development Intern
eaccounting360 | june 2024 - August 2024

- Developed responsive front-end interfaces using HTML, CSS, JavaScript, and React.js
- Implemented client-side features and UI logic for web-based applications
- Integrated MySQL databases with backend services for data storage and retrieval

SKILLS

Frontend Development: React.js, HTML5, CSS3, JavaScript, Bootstrap.

Backend Development: Node.js, Express.js, RESTful APIs.

Mobile Development: React Native, Flutter (basic).

Databases: MongoDB, MySQL, SQL Server.

AI / Programming: Python, C++, JavaScript.

Machine Learning: Minimax, Transformer-based models

Cloud & Tools: AWS (EC2, S3 – foundational), Git, GitHub, Postman, VS Code.

PROJECTS

Prismora AI – Smart Podcast Summarization (FYP)

FAST-NUCES | Aug 2025 – Present

- AI platform for podcast transcription, summarization, and highlight generation
- Used Whisper for speech-to-text and transformer NLP models for abstractive summaries
- Built APIs with FastAPI and video processing with OpenCV / FFmpeg
- FYP-1 completed with A grade

Tech: Python, Whisper, FastAPI, Transformers, OpenCV, PostgreSQL

AI-Powered Code Assistant

FAST-NUCES | Sep 2025 – Nov 2025

• Built an AI-based tool for code explanation, bug detection, and documentation generation

• Used transformer-based models (CodeT5) for intelligent code understanding

• Focused on performance, modular design, and usability

Ergonomic Posture Assessment Agent

FAST-NUCES | Aug 2025 – Dec 2025

- AI agent to analyze posture from images and provide ergonomic feedback
- Implemented landmark detection using MediaPipe and OpenCV
- Deployed as REST API on Hugging Face Spaces (Docker)

Tech: Python, FastAPI, MediaPipe, OpenCV

Photo Gallery Application (AWS)

FAST-NUCES | Sep 2025 – Dec 2025

- Full-stack photo gallery with secure authentication and cloud storage
- Deployed on AWS (EC2, S3, RDS, Elastic Beanstalk)

Tech: React, Node.js, Express, AWS, MySQL

University Management System

FAST-NUCES | Nov 2024 – Dec 2024

- Role-based MERN application with JWT authentication

Tech: MongoDB, Express, React, Node.js

CERTIFICATIONS

- AWS Cloud Quest - Cloud Practictioner | AWS Skill builder (jan 2026)
- AWS Academy Graduate – Cloud Foundations | Amazon Web Services (Dec 2025)
- Front-End Development with React | Coursera / IBM (Sep 2025)
- Flutter & Dart Development | Udemy (Aug 2024)