

ATEEB CHAUDARY

Software Engineer | Full Stack Developer | AI/ML Specialist

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GitHub · LinkedIn · Portfolio

Professional Summary

Full Stack Software Engineer with **3+ years** building scalable web applications, automation systems, and AI/ML solutions. Expert in **Next.js, React, Node.js, and Python** with proven ability to deliver production-ready applications and intelligent automation tools. Strong foundation in cloud deployments, RESTful APIs, and modern development workflows. Currently pursuing **BS in Artificial Intelligence at FAST-NUCES** while leading technical implementations across multiple client projects.

Technical Skills

Languages	JavaScript (ES6+), Python, C/C++, C#, SQL (MySQL, PostgreSQL), HTML5, CSS3
Frontend	React, Next.js, Tailwind CSS, Bootstrap, Responsive Design, UI/UX Implementation
Backend	Node.js, Express.js, RESTful APIs, Authentication, Database Design, SSR
AI/ML	PyTorch, TensorFlow, scikit-learn, OpenCV, NLP, Computer Vision, XAI (SHAP, LIME)
Data & Automation	Pandas, NumPy, Matplotlib, Selenium, BeautifulSoup, Web Scraping, OCR
Tools & DevOps	Git/GitHub, Docker, WordPress, Tableau, CI/CD, Production Deployments

Professional Experience

Quantum Bytes

Faisalabad, Pakistan

Full Stack Developer

Jan 2025 – Present

- Architect and develop **full-stack web applications** using Next.js, React, and Node.js with focus on **scalability and performance**
- Design and implement **RESTful APIs**, authentication systems, and database schemas for production applications
- Manage end-to-end **deployment pipelines** and production environments ensuring **99.9% uptime**
- Collaborate with cross-functional teams on feature development using **agile methodologies** and version control

EHM Technology Services

Faisalabad, Pakistan

Software Engineer – Web Applications & Automation

Jul 2023 – Present

- Developed **production-ready technology website** using Next.js with optimized performance and responsive architecture
- Built automated web scraping frameworks processing **100K+ data points** using Python, Selenium, BeautifulSoup
- Created scalable data extraction solutions with **headless browser automation** and **92% accuracy OCR/PDF parsing**
- Engineered automated data processing workflows with export to databases, CSV, Excel formats

EHM Technology Services

Faisalabad, Pakistan

Email Marketing Manager

Feb 2022 – Present

- Designed data-driven email campaigns using custom templates, increasing **engagement by 25%**
- Built **automated lead extraction** systems using Python and web scraping for prospect list generation
- Optimized campaign performance through **A/B testing** and metrics analysis

Education

National University of Computer and Emerging Sciences (FAST-NUCES)

Faisalabad, Pakistan

Bachelor of Science in Artificial Intelligence

Sep 2022 – Present

Relevant Coursework: Data Structures, Algorithms, Machine Learning, Deep Learning, Computer Vision, NLP, Databases

Key Projects

Speech Emotion Recognition (RAVDESS) – Implemented **CNN with Mel-spectrograms** and **Bi-LSTM with MFCC** to classify emotional states from speech, achieving **85% accuracy** across 7 emotion categories.

MinerU with Explainable AI – Built intelligent document processing system with **ML interpretability using LIME and SHAP** for transparent predictions from PDF extraction.

Smart Energy Recommender (RAG + FAISS) – Developed **Retrieval-Augmented Generation** system using FAISS vector search for scalable, context-aware recommendations.

Achievements & Recognition

Best Employee of the Month, EHM-IT Services · Battle of Code Competition Winner · Ambassador, Wateen Telecom Limited