

ZAKRIA KHAN

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Professional Experience

AlphaTech Software House <i>Software Development Intern</i>	KPK, Pakistan <i>Jan, 2025 to Apr, 2025</i>
- Engineered a wholesale management system in an Agile team, delivering 6+ core modules that automated invoicing and reduced administrative processing time by 90%. - Built a library of 6+ reusable React.js components for an e-commerce platform, reducing page load times by 30% and optimizing frontend architecture. - Optimized team workflows by implementing Git branching strategies and conducting peer code reviews to ensure on-time sprint delivery.	

Projects

ResuMatch - AI-Powered Resume Analyser <i>Full-Stack Developer</i>	Jul, 2025
- Developed and launched an AI-powered resume analyzer using React, TypeScript, and Tailwind CSS, leveraging Puter.com AI and storage APIs to deliver real-time ATS scoring. - Implemented job-specific AI analysis that allowed applicants to tailor resumes to job descriptions, increasing keyword relevance and match scores by 90%.	
Heart Disease Prediction System (Final Year Project) <i>Full-Stack Developer & ML/DL Developer</i>	University of Swat
- Designed and built a deep learning predictive framework using an Artificial Neural Network (ANN) for multi-class risk classification and Random Forest/Logistic Regression for binary disease detection. - Integrated SHAP (SHapley Additive exPlanations) to deliver clinical interpretability, ensuring transparent, explainable AI diagnostics by visualizing feature importance on clinical datasets. - Engineered an automated health recommendation engine that translates predictive model risk scores into actionable, personalized patient insights.	
YC Directory - Start-up Pitch & Discovery Platform <i>Full-Stack Developer</i>	Mar, 2025
- Built and deployed a full-stack start-up directory using Next.js & TypeScript, empowering users to pitch and discover start-ups through dynamic content management with Sanity CMS. - Secured authentication protocols with NextAuth.js and integrated Sentry monitoring to ensure real-time bug detection and system reliability.	
[more project]	

Education

University of Swat <i>Bachelor of Science in Computer Science</i>	KPK, Pakistan
Relevant Coursework: Computing in Python, Data Structures & Algorithms, Artificial Intelligence, Web Development, Object-Oriented Programming, Computer Networks, Cloud Computing	

Certifications

- IBM Full Stack Software Developer Certificate [\[Link\]](#) | Developing AI Applications with Python and Flask [\[Link\]](#)
- Developing Back-End Apps with Node.js and Express [\[Link\]](#) | Developing Front-End Apps with React [\[Link\]](#)

Skills

- Programming:** JavaScript, TypeScript, Python, C++
- Full-Stack Development:** React.js, Next.js, HTML & CSS, Tailwind CSS, Node.js, Express.js, Flask, FastAPI
- Databases & DevOps:** MongoDB, MySQL, PostgreSQL, Git/GitHub, Linux, Vercel, Netlify, CI/CD
- AI/ML & GenAI:** ML/DL, Neural Networks, Scikit-Learn, Pandas, NumPy, LangChain, Vector Databases (ChromaDB), BGE Embeddings, Large Language Models (LLMs), RAG Architecture
- Testing & Tools:** Postman, Sentry, Agile, Technical Documentation, Sanity, REST APIs, Authentication