Abdullah Khan

Lahore, Punjab, Pakistan ✉ abdxllah.khan17@gmail.com 📞 +92 346 0219660 🔗 portfolio

in abdullah-khan-6ba998280 ⌗ abdullah-kz17

Professional Summary

Computer Science graduate with 1+ years of hands-on experience in full-stack development and machine learning. Proficient in MERN stack development with expertise in React.js, Node.js, and modern JavaScript frameworks. Demonstrated success in leading cross-functional teams, building scalable web applications, and implementing AI/ML solutions including computer vision models. Seeking a full-time Software Engineer role to leverage technical expertise in MERN stack and AI-driven applications while contributing to innovative development teams.

Education

University of Management and Technology, Lahore   *Nov 2021 – Jul 2025*
BS in Computer Science

- CGPA: 3.23/4.0
- **Languages:** English (Proficient), Urdu (Native), Punjabi (Intermediate)

Technical Skills

Frontend: React.js, JavaScript (ES6+), Redux Toolkit, HTML5, CSS3, SCSS, Tailwind CSS, Bootstrap, Ant Design

Backend: Node.js, Express.js, MongoDB, MySQL, RESTful APIs, JWT Authentication, Agile Development

Machine Learning: Python, TensorFlow, Scikit-learn, OpenCV, Pandas, NumPy, Matplotlib

Tools & Technologies: Git & GitHub, Postman, AWS, Vercel, Nodemailer, CI/CD

Professional Experience

MERN Stack Development Intern   *March 2025 – July 2025*
InfoTech Group

- Completed comprehensive 5-month internship developing full-stack web applications using MERN stack
- Built scalable Task Management App with user authentication, CRUD operations, and task filtering/sorting
- Developed feature-rich E-Commerce Platform with secure checkout, admin dashboard, and product catalog
- Integrated REST APIs and implemented efficient data management using MongoDB and Express.js
- Received completion certificate recognizing technical proficiency and professional development

Frontend Development Intern   *July 2023 – July 2024*
NexTash

- Designed and developed responsive landing pages and web applications using HTML5, CSS3, and JavaScript
- Built interactive React.js projects focusing on component architecture and state management best practices
- Collaborated with design teams to implement pixel-perfect UI/UX designs and ensure cross-browser compatibility

Key Projects

GharBaar Estate - AI-Powered Real Estate Platform   *gharbaar-estate.vercel.app* ↗

- Led development of comprehensive real estate platform with AI-powered features and renovation marketplace
- Achieved 98.22% validation accuracy with ResNet50-based deep learning model for renovation predictions
- Integrated a third-party chatbot API to handle property inquiries and improve user engagement
- Implemented JWT authentication, email notifications, admin dashboard, and advanced search functionality

Full-Stack E-Commerce Platform
mern-ecommerce-app-beta.vercel.app ↗

- Built complete online shopping platform with secure user authentication and authorization
- Implemented comprehensive product management, shopping cart, and secure checkout system
- Developed admin panel with inventory management, order tracking, and analytics dashboard

Brain Tumor Detection System
Machine Learning Project

- Achieved 93% accuracy with Logistic Regression for brain tumor detection using MRI images
- Implemented multiple ML approaches including CNN with TensorFlow/Keras and traditional algorithms
- Applied advanced image preprocessing and HOG feature extraction for optimal performance
- Evaluated models using precision, recall, F1-score, and confusion matrix for comprehensive analysis

Renovation Detection Model - ResNet50
Computer Vision Project

- Achieved 99.44% training accuracy and 98.22% validation accuracy using pre-trained ResNet50
- Implemented comprehensive image preprocessing pipeline and data augmentation techniques
- Successfully integrated model into GharBaar Estate platform for real-time renovation assessment

Campus Lost & Found Portal
tech-verse-umt.vercel.app ↗

- Developed campus-wide MERN stack platform for efficient lost item reporting and claiming
- Implemented real-time email notifications using Nodemailer and advanced filtering system
- Created admin moderation dashboard with comprehensive item management and user verification

Achievements & Recognition

- **TechVerse 2025 – Web Development Hackathon:** Secured 4th position among 20+ teams and received Certificate of Participation for developing innovative Lost & Found Portal at University of Management and Technology
- **Project Leadership:** Successfully led GharBaar Estate development team, coordinating full-stack implementation and AI model integration
- **InfoTech Group Internship:** Successfully completed 5-month intensive MERN stack development program with professional certification