

# ALI ABDULLAH

## FULL STACK & ML DEVELOPER | CYBERSECURITY & SIEM ENTHUSIAST

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### SUMMARY

Computer Science student at NUST Islamabad specializing in full-stack development with Next.js and MERN stack. Experienced in blockchain applications, machine learning, and pursuing cybersecurity knowledge. Combines technical expertise with strong problem-solving to deliver efficient, user-centered solutions across multiple domains.

### PROFESSIONAL EXPERIENCE

#### Network Analyst Intern, Brainotech IT Solutions GmbH June 2024 - August 2024

- Monitored network performance and troubleshooted routing, switching, and firewall issues
- Configured and maintained network devices including routers and switches
- Updated network documentation and assisted with security improvements
- Gained hands-on experience with TCP/IP, LAN/WAN protocols, and Wireshark

### EDUCATION

#### Bachelor of Computer Science Sep 2022 - Sep 2026

National University of Sciences and Technology (NUST)

### PROJECTS

#### VoteMeMaybe | Decentralized Voting Platform Next.js 14, Tailwind CSS, TypeScript, Ethereum Smart Contracts, Truffle, wagmi, ethers.js, Convex

- Developed blockchain-based voting app with Ethereum smart contracts for transparent decision-making
- Implemented wallet integration with Web3 providers and intuitive UI with real-time results
- Built analytics dashboard for proposal metrics using Recharts

#### NusTAC Admin Portal | Campus Access Management Next.js 14, Tailwind CSS, shadcn/ui, Convex, Recharts

- Created secure admin dashboard for NUST campus access control with role-based permissions
- Implemented real-time access logs monitoring with filtering and exportable reports
- Integrated with mobile QR code and scanner verification applications

#### Fake News Detection System Python, PyTorch, BERT, ResNet50

- Built multimodal fake news detector analyzing both text and images
- Implemented attention-based visualization to highlight suspicious content elements
- Created interactive interface for analysis and explanation generation

### SKILLS

**Programming Languages:** JavaScript, TypeScript, Python, C++

**Libraries/Frameworks:** React, Next.js, Node.js, Express, Flask, MERN Stack, Tailwind CSS

**Tools/Platforms:** Git, VS Code, Docker, AWS, GCP, Vercel, Ethereum

**Databases:** MongoDB, Convex, SQL

**Certifications:** AWS APAC - Solutions Architecture Job Simulation(Forage), The Complete Full-Stack Web Development Bootcamp (Udemy), Cisco Networking Basics.

**Other:** Machine Learning (PyTorch, TensorFlow), Cybersecurity, SIEM, Web3