Muhammad Maaz Aleem

Full Stack Developer (MERN / Web3)

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PROFESSIONAL SUMMARY

Passionate Full-Stack Developer with **1.5 years of hands-on experience** building modern, scalable, and secure web applications. Strong expertise in **MERN stack**, backend development, and growing specialization in **Blockchain & Web3 technologies**. Proven ability to transform ideas into high-quality digital products using clean, maintainable code and industry best practices.

WORK EXPERIENCE

Full Stack Developer (Freelance)

Islamabad, Pakistan | *2023 – Present*

- Designed and developed full-stack web applications using **React, Node.js, Express, and MongoDB**.
- Built secure RESTful APIs and backend systems with authentication and role-based access control.
- Improved application performance and scalability through optimized database queries and modular architecture.
- Collaborated with clients to gather requirements and deliver production-ready solutions.
- Gained **1.5 years of real-world experience** across multiple projects and technologies.

PROJECTS

Task Management System

- Developed a task management web app with authentication, CRUD operations, and real-time updates.
- Improved productivity by enabling task sharing, reminders, and notifications.

E-Commerce Store

Python, Django, PostgreSQL

- Built a complete e-commerce platform with product management, shopping cart, and secure checkout.
- Implemented a scalable backend using Django and PostgreSQL.

Secure VPN Desktop Application

React, TypeScript, Electron, Vite

- Developed a cross-platform VPN desktop app with a clean, user-friendly interface.
- Implemented secure connection protocols and desktop integration.

Blockchain DApps & Web3 Projects

- Built decentralized application frontends using **React, Web3, and Tailwind CSS**.
- Integrated smart contracts and enabled secure blockchain transactions.

Crypto Staking Wallet

React, TypeScript, Web3

- Developed a cryptocurrency staking wallet with secure transaction management.
- Ensured smooth Web3 integration and responsive UI.

Currency Converter

JavaScript, HTML, CSS, API Integration

- Created a real-time currency converter using external APIs.
- Displayed country flags and live exchange rates.

<u>EDUCATION</u>

Bachelor of Science in Computer Science (BSCS)

Air University, Islamabad | *2024 – Present*

- Field of Study: Software Development & Emerging Technologies

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TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Python, HTML, CSS
Frontend: React.js, Tailwind CSS, Three.js
Backend: Node.js, Express.js, Django
Databases: MongoDB, PostgreSQL
Blockchain: Web3, DApp Development, Smart Contract Integration
Tools & Platforms: Git, GitHub, Electron, Vite, REST APIs

LANGUAGES

- Urdu (Fluent)
- English (Professional)

INTERESTS

- Blockchain & Web3 Development
- Full-Stack Engineering
- Secure & Scalable Systems
- Emerging Web Technologies
- Artificial Intelligance and advanced technologies