Mohammed Patanwala

Zealous Computer Science Student

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PROFESSIONAL SUMMARY

Passionate coder with over 4 years of experience developing innovative projects across multiple languages and frameworks. Skilled in both frontend and backend development, with expertise in scalable systems, data analytics, and modern web technologies. Curious learner and active participant in technical hackathons, dedicated to continuous improvement and inspired to excel in cybersecurity and software innovation.

SKILLS

Languages: C, C++, Java, Python, PHP, JavaScript, TypeScript, SQL, Dart
Technologies/Frameworks: HTML, CSS, React.js, Node.js, .NET, Flutter, XML, JSON, AWS
Mobile Development: Java, Kotlin, Dart, Flutter
Expertise: Data Analytics, Dynamic Webpage Development, Market Research, Problem Solving
Soft Skills: Multi-tasking, Result-Oriented, Excellent Communication, Networking

WORK EXPERIENCE

E-Commerce and FBA (Roshani Marketing)   2020–2021

- Optimized inventory management using historical trends to improve safety stock levels.
- Coordinated with vendors, ensuring on-time deliveries and streamlined procurement.
- Incorporated evolving e-commerce strategies for enhanced marketing effectiveness.

Digital Marketing (Impression Lights)   2022–2023

- Managed digital marketing material production with external vendors.
- Drove lead generation via targeted email campaigns and digital initiatives.
- Analyzed industry trends to refine both short and long-term digital strategies.

Cloud Computing and Hardware Intern (Tejyash Cyber Solution)   Jul–Aug 2023

- Supported cloud deployments, optimized system performance, and managed hardware diagnostics.
- Assisted with troubleshooting technical issues and hardware assessments.

Software Development Intern (Logiqids)   2024–2025

- Developed automation scripts and small-scale apps in Python, increasing workflow efficiency.
- Created and performed unit/integration tests for reliability prior to deployment.
- Applied software testing methodologies to real-world projects.

Freelance Web Developer   Ongoing

- Designed and built static/dynamic websites using HTML, CSS, JavaScript and React.js.
- Developed responsive UIs with Tailwind CSS, ensuring cross-browser/device compatibility.
- Built full-stack features for dynamic content.

EDUCATION

St.Mary's High School	S.S.C.
M.H.Saboo Siddik Polytechnic	Diploma in Computer Engineering
M.H.Saboo Siddik College of Engineering	B.E Computer Science (IoT, Blockchain, CyberSecurity)

PROJECTS

- **AI-Driven Next-Generation Firewall:** Built an AI-powered threat detection system utilizing honeypots and deep packet inspection with Zero Trust principles.
- **GeoLocation Based Attendance System:** Developed mobile-enabled GPS tracking for secure and precise attendance.
- **Book Recommendation Engine:** Created an NLP-based tool for personalized reading suggestions.
- **Donation Website:** Designed a secure donation platform with seamless payment and transparency features.
- **Stress Detection App:** Flutter app leveraging ML models to analyze user behavioral data for stress signals.
- **Classroom Management Software:** Automated scheduling and attendance tools enhancing administrative productivity.
- **Survey on Impact of Electronic Gadgets:** Conducted quantitative analysis on student focus and academic impact.
- **GSM-Based Fire Safety:** IoT-based system delivering real-time fire alerts via GSM network for early response.