# Muhammad Subhan Shahid

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## PROFESSIONAL SUMMARY

Highly motivated Software Engineering student with strong expertise in full-stack development, backend systems, and machine learning. Experienced in building scalable web applications, implementing fraud detection systems, and developing real-time solutions using modern technologies including Python, React, Rust, and MEAN stack. Proven track record of delivering innovative projects and collaborating effectively in team environments.

## EDUCATION

**Bachelor of Software Engineering**　　　　　　　　　　　　　　　　Expected Graduation: 2026
*National University of Modern Languages*　　　　　　　　　　　　　　　*Rawalpindi, Pakistan*

## TECHNICAL SKILLS

**Programming Languages**: Python, JavaScript, PHP, Rust, C/C++
**Frontend Development**: HTML5, CSS3, JavaScript, ReactJS, Bootstrap, Responsive Design
**Backend Development**: Node.js, Express.js, Flask, Django, REST APIs
**Databases**: MongoDB, MySQL, PostgreSQL
**Tools & Technologies**: Git, GitHub, Docker, Vercel, AWS, Linux
**Other Skills**: Machine Learning, Graphic Design, Digital Marketing, Lead Generation, Agile Methodologies

## PROFESSIONAL EXPERIENCE

**Backend Developer Intern**　　　　　　　　　　　　　　　　　　　Jun 2024 – Aug 2024
*Smile Check AI*　　　　　　　　　　　　　　　　　　　　　　　　　*Remote*

- Developed backend services and APIs using Rust, focusing on performance optimization and memory safety for AI-powered dental health applications
- Implemented data processing pipelines to handle real-time image analysis and diagnostic data with high efficiency
- Collaborated with cross-functional teams to integrate backend services with machine learning models and frontend interfaces
- Optimized database queries and API response times, reducing latency by 30% through efficient Rust implementations
- Participated in code reviews and contributed to establishing best practices for Rust development within the team

**Freelancer – Web Developer & Graphic Designer**　　　　　　　　　　Jan 2025 – Present
*Devmerce*　　　　　　　　　　　　　　　　　　　　　　　　　　　*Remote*

- Deliver comprehensive web development and graphic design solutions for international clients across diverse industries
- Manage social media platforms and implement digital marketing strategies to generate qualified leads
- Engage with international clients to understand requirements and foster strong professional relationships
- Collaborate with multidisciplinary freelancer teams to execute complex projects efficiently and meet tight deadlines

- Utilize modern web technologies and design tools to create responsive, user-centric digital solutions

## PROJECTS

**Homixa.us – Real Estate Platform** | *MEAN Stack, MongoDB, Express.js, Angular, Node.js*　　　2024
- Developed a comprehensive real estate platform enabling property listings, search functionality, and user management
- Implemented advanced filtering and geolocation features for enhanced property search capabilities
- Designed and integrated RESTful APIs for seamless communication between frontend and backend services
- Utilized MongoDB for efficient data storage and retrieval of property information and user profiles
- Deployed on cloud infrastructure ensuring scalability and 99.9% uptime for optimal user experience

**Fraud Detection System** | *Python, React, Flask, Machine Learning, Vercel*　　　　　　　　　2024
- Engineered a real-time fraud detection system utilizing machine learning algorithms to analyze transaction patterns

- Built responsive frontend interface using ReactJS with interactive dashboards for monitoring suspicious activities
- Implemented backend processing with Python (Flask) to handle data preprocessing and model inference
- Developed anomaly detection algorithms achieving 95% accuracy in identifying fraudulent transactions
- Deployed on Vercel with automated alerting system for real-time fraud notifications

**E-Commerce Website** | *HTML5, CSS3, JavaScript, PHP, MySQL*                                 2024
- Developed fully responsive eCommerce platform with dynamic product showcases and shopping cart functionality
- Implemented secure user authentication and payment gateway integration for seamless transactions
- Optimized site performance achieving 90+ Google PageSpeed score through code minification and lazy loading
- Ensured cross-browser compatibility and mobile responsiveness following modern design principles
- Integrated PHP backend with MySQL database for efficient product and order management

## CERTIFICATIONS & TRAINING

**MEAN Stack Development Bootcamp** | *Hami Trainings*                                 Jan 2025
**Digital Marketing** | *Professional Certification*                                 Jan 2024

## ADDITIONAL INFORMATION

**Languages**: English (Fluent), Urdu (Native)
**Interests**: Open Source Contribution, Competitive Programming, Tech Blogging, UI/UX Design
**Soft Skills**: Critical Thinking, Problem Solving, Team Leadership, Client Communication, Time Management