Fatima Tariq

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PROFILE

Software Engineer with practical experience in backend development, RESTful API design, and secure application development. Hands-on experience with Laravel, Node.js, relational and NoSQL databases.

EDUCATION

Bachelor of Science in Computer Science, FAST NUCES	2020 – 2024
F.Sc Pre-Engineering, Punjab Group of Colleges	2018 – 2020

WORK EXPERIENCE

Associate Software Engineer, Programmers Force　　　　　　　　　　　　　　Apr 2025 – Oct 2025

- Backend development using Laravel, Node.js, and Python
- Built and maintained RESTful APIs
- Worked with MongoDB, PostgreSQL, and MySQL
- Managed Docker-based containerized environments
- Used GitLab for version control and CI/CD pipelines

Application Security Officer, Bank of Punjab　　　　　　　　　　　　　　　Jul 2024 – Apr 2025

- Conducted web application security assessments (Burp Suite, OWASP ZAP)
- Identified vulnerabilities and produced remediation reports
- Collaborated with development teams to ensure secure coding practices

Data Science Intern, Qwerty Experts　　　　　　　　　　　　　　　　　　Jul 2023 – Aug 2023

- Built small backend projects using Flask and MySQL
- Implemented CRUD operations and database management
- Developed frontend components using HTML and Bootstrap

PROJECTS

Shufti, Programmers Force

- Implemented new features for identity-verification products using Laravel
- Integrated SendGrid and Twilio for phone and email intelligence
- Built document expiry monitoring with automated email notifications
- Implemented age-verification services using facial recognition and ID data extraction

ClickUp, Programmers Force

- Developed backend services for a task and project management platform
- Designed RESTful APIs and database schemas
- Implemented role-based access control and real-time updates

Shaping Homes, Final Year Project

- Developed a cross-platform mobile application using React Native
- Built backend services using Node.js and Express.js
- Integrated AI modules for personalized home recommendations

SKILLS AND TECHNOLOGIES

Programming Languages	PHP, JavaScript, Python, C++, C
Backend Technologies	Laravel, Node.js, Express.js, FastAPI
Frontend Technologies	React, React Native, HTML, CSS
Databases & DevOps	PostgreSQL, MySQL, MongoDB, Docker, GitLab CI/CD
Security Tools	Burp Suite, Kali Linux, OWASP ZAP

LANGUAGES

English	Fluent (IELTS)
German	A1 completed, currently learning A2
Urdu	Native