




Fatima Tariq

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PROFILE

Motivated Computer Scientist with a passion for learning and development. Skilled in collaborating within dynamic teams to deliver results. Eager to contribute and grow in a fast-paced, innovative environment.

EDUCATION

Bachelor of Science in Computer Science , FAST NUCES	2020 - 2024
CGPA: 3.19	Lahore, Pakistan
F.Sc Pre-Engineering , Punjab Group of Colleges	2018 - 2020
	Lahore, Pakistan

WORK EXPERIENCE

Associate Software Engineer Programmers Force	April 2025 - Present
Working on backend development using Laravel (PHP) and Node.js, building and maintaining RESTful APIs, handling database operations with MongoDB, PostgreSQL, and MySQL, and managing containerized environments with Docker. Utilizing GitLab for version control, code collaboration, and CI/CD pipelines.	
Application Security Officer Bank of Punjab	July 2024 - April 2025
Conducted security assessments of web applications using tools such as Kali Linux, Burp Suite, and OWASP ZAP. Identified vulnerabilities and provided detailed remediation reports. Collaborated with development teams to ensure secure coding practices and compliance with security standards.	
Data Science Intern Qwerty Experts	July 2023 - August 2023
Explored fundamental concepts of web development and backend integration. Built small projects using HTML, Bootstrap for frontend design, and Flask for backend functionality. Implemented CRUD operations and database management with MySQL.	

PROJECTS

Shaping Homes , Final Year Project
Developed a mobile application using React Native for the frontend and Node.js with Express.js for the backend. Integrated AI modules for personalized home recommendations.
Coin Bounce
Designed and implemented a cryptocurrency platform frontend using the MERN stack. Emphasized responsive design, smooth navigation, and dynamic data rendering with real-time updates.
Opay
Built the frontend of an e-commerce application using the MERN stack. Implemented key features like product listings, filtering, cart functionality, and responsive layouts to enhance user experience.
Library Management System
Developed a web-based system frontend using ASP.NET, HTML, and CSS. Focused on user-friendly design for book search, borrowing, and return functionalities with responsive layout across devices.
Candy Crush
Created a terminal-based version of Candy Crush in C++, implementing core gameplay logic, scoring mechanism, and user interaction features using object-oriented principles.

SKILLS AND TECHNOLOGIES

Skills	Laravel, Node, React Native, React, CSS, HTML, C++, C, Python, Docker, GitLab, JavaScript, Burp Suite, Kali Linux, OWASP ZAP.
Technologies	Mobile development, Website development, Problem Solving, Database System, Object-oriented programming, Algorithms, Data Structure.