FAIZAN MUHAMMAD

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Education

Bachelor of Science in Computer Science *Aug 2025 – Jun 2029 (Expected)*
Information Technology University (ITU) Lahore, Pakistan

Relevant Coursework: Programming Fundamentals (C++), Object-Oriented Programming, Database Management Systems, Discrete Structures, Digital Logic Design, Linear Algebra, Multivariable Calculus

Experience

Freelance Web Application and PWA Developer *2025 – Present*
Self-employed Remote

- Build and deploy full-stack web applications for private clients, including business-management platforms, e-commerce stores, company websites, and personal portfolio systems.
- Translate client workflows into database models, responsive interfaces, protected admin tools, authentication, role-based permissions, reporting, testing, and deployment using Next.js, TypeScript, PostgreSQL, Prisma, and Vercel.
- Manage delivery from requirements and implementation through debugging, deployment configuration, and post-launch improvements.

Projects

Business Operations Management Platform *2026*
Next.js, TypeScript, Prisma, PostgreSQL, Auth.js

- Developed a mobile-friendly system replacing spreadsheet-based operations across sales, royalties, customer dues, supplier accounts, fuel, expenses, cash records, employees, attendance, salaries, plant activity, and date-based reporting.
- Implemented Google sign-in allowlisting, admin and employee permissions, backdated records, audit-oriented workflows, historical spreadsheet imports, and export-ready operational reports.

Full-Stack E-Commerce Platform *2026*
Next.js, React, TypeScript, Tailwind CSS, Prisma, PostgreSQL

- Built a responsive storefront and protected administration portal for products, variants, categories, collections, inventory, carts, orders, customers, coupons, shipping, media, and site content.
- Added customer authentication, administrator allowlisting, database-backed inventory and order workflows, SEO foundations, payment integration scaffolding, and deployment-ready configuration.

C++ Coursework Browser Collection *2025 – Present*
C++, HTML, CSS, JavaScript, WebAssembly, LocalStorage

- Adapted console-based projects including Chess, Gomoku, Bara Tehni, Snakes and Ladders, Color War, Minesweeper, and a Banking Management System into interactive browser demonstrations.
- Preserved original source files and core algorithms while replacing Windows-specific input with responsive controls, browser persistence, accessible interactions, automated rule tests, and Vercel-compatible deployments.

Portfolio and CMS Websites *2024 – Present*
Next.js, React, TypeScript, Tailwind CSS, Sanity, Vercel

- Designed responsive company and personal portfolio websites with reusable components, project and service pages, contact flows, CMS-managed content, accessibility, SEO foundations, and production deployment.

Technical Skills

Languages | C++, JavaScript, TypeScript, SQL, Java, HTML, CSS

Frameworks and Libraries | Next.js, React, Tailwind CSS, Spring Boot

Databases and Backend | PostgreSQL, Prisma ORM, Supabase, JPA/Hibernate, REST APIs, Auth.js

Tools and Concepts | Git, GitHub, Docker, Vercel, Postman, Sanity, OOP, Database Design, Authentication, RBAC, Responsive Web Development