

Muhammad Zafar

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Summary

Full Stack Software Engineer with 2+ years of experience designing, developing, and deploying production web applications using Next.js, TypeScript, PostgreSQL, and Supabase. Proven ability to deliver end-to-end software solutions in agile, remote, and client-facing environments. Founded a bootstrapped software company generating recurring revenue from paying clients. Skilled in REST API development, CI/CD pipelines, cloud deployment, and cross-functional collaboration.

Experience

UnityAlgo

October 2025 – Present

Founder & Full Stack Engineer

- Founded a software company delivering ERPNext/Frappe and custom web solutions for SMEs and microfinance institutions in Pakistan.
- Acquired 3+ paying clients and grew monthly recurring revenue (MRR) to \$251 through direct sales and client management.
- Led end-to-end product delivery: requirements gathering, development, CI/CD deployment, and post-launch support.
- Designed custom ERP modules integrating REST APIs, database schemas, and client-facing dashboards.

Dealership Management System (MYDV-DMS)

November 2025 – Present

Full Stack Engineer — Remote – UK

- Engineered a production dealership platform for a UK client using Next.js, TypeScript, Drizzle ORM, PostgreSQL, and Supabase.
- Developed 6+ modules: vehicle listings, support tickets, part exchange, SOR agreements, blogs, and customer-facing pages.
- Implemented GitHub Actions CI/CD pipelines with Vercel deployment; collaborated asynchronously across time zones in an agile environment.

RLCC School Marks Management System

April 2026 – May 2026

Full Stack Engineer — Volunteer

- Built and deployed a full-stack academic records system for approximately 750 students using Next.js and Supabase within a one-month timeline.
- Implemented modules for student records, attendance tracking, midterm/final marks, and result generation.

1tensolutions

August 2025 – September 2025

Software Engineer Intern

- Built responsive frontend interfaces for a Trucking Management System handling shipment tracking and driver management.
- Integrated Twilio APIs for real-time SMS messaging, status updates, and customer notifications.

Habib University – SUPARCO

June 2025 – July 2025

Undergraduate Research Intern

- Designed a four-element microstrip patch antenna array for anti-jamming GNSS applications.
- Automated Ansys HFSS simulation workflows using Python and MATLAB, reducing manual simulation time.

Xeverse

December 2024 – January 2025

Frontend Developer Intern

- Built a Trello-style project management application and an online code editor using React.js in an agile team environment.

Education

Habib University

2023 – 2027

Bachelor of Science in Computer Science — 100% Merit-Based Scholarship — CGPA: 3.4/4.0

Project Experience

Dealership Management System (DMS) – Next.js, TypeScript, PostgreSQL, Supabase, Drizzle ORM, Vercel

- Full-stack dealership platform with vehicle listings, support tickets, part exchange, SOR agreements, and CI/CD deployment for a live UK client.

RLCC Marks & Attendance System – Next.js, Supabase

- Academic records platform managing attendance, midterm/final marks, and results for approximately 750 students; delivered in one month.

Trucking Management System – React.js, Twilio API

- Responsive interfaces for shipment tracking and driver management with real-time SMS notifications via Twilio API integration.

Technical Skills

Languages: TypeScript, JavaScript, Python, C, C++, Verilog HDL

Frontend: Next.js, React.js, Tailwind CSS, Redux

Backend & Database: REST APIs, Node.js, PostgreSQL, Supabase, Drizzle ORM, Firebase, ERPNext, Frappe

DevOps & Tools: Git, GitHub Actions, CI/CD, Vercel, Postman, Linux, Agile, Scrum