

Muhammad Saad Qasim

Full Stack Developer

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PROFESSIONAL SUMMARY

Full stack developer with 2+ years of experience building production web applications . Working with senior Developers , foreign clients and solving complex real world problems.Currently exploring into Web3

TECHNICAL SKILLS

Frontend: React, Next.js, TypeScript, JavaScript (ES6+), Tailwind CSS, Bootstrap,

Backend: Node.js, Express.js, NestJS, REST APIs, GraphQL, Socket.io, Prisma ORM

Databases: MongoDB, PostgreSQL, MySQL, Redis

DevOps & Cloud: AWS , Docker

Auth & Security: JWT, OAuth 2.0, RBAC, Multi-Factor Authentication (TOTP)

Other: Solidity (Learning)

EXPERIENCE

Full Stack Developer · Marfah Technologies · Remote

January 2025 – Present

- Built and maintained three MERN stack applications currently serving active users in production.
- Designed secure authentication flows using JWT and OAuth 2.0 with role-based access control across different user tiers.
- Added real-time chat and notifications with Socket.io, cutting message latency by 40%.
- Set up CI/CD pipelines using GitHub Actions and Docker; cut deployment time from 45 minutes to under 5.

Freelance Software Developer · Self-Employed · Remote

November 2022 – Present

- Delivered 8 complete projects end-to-end — e-commerce platforms, analytics dashboards, and fintech tools — with 100% on-time delivery.
- Built reusable Express.js and GraphQL microservices that cut client integration time by 35%.
- Integrated Stripe and PayFast for payments, and Twilio / SendGrid for messaging.
- Added AI features using the OpenAI API: content generation, document summarization, and chatbots.

SELECTED PROJECTS

Shariah-Compliant Microfinance Platform — React · Node.js · MongoDB · AWS S3

- Built a loan management system for an Islamic microfinance institution with three distinct user roles — admin, loan officer, and borrower — each with a separate dashboard and permissions.
- Implemented Murabaha and Ijarah Islamic finance models with automated profit and instalment calculations; any change in inputs recalculates the full schedule instantly.
- Integrated AWS S3 for secure document storage (contracts, IDs, collateral docs) with server-side encryption; every action writes to an audit log for compliance.

Secure Banking Portal — MERN Stack · TOTP MFA · Chart.js

- Built a banking dashboard with TOTP-based multi-factor authentication using Google Authenticator — users cannot access the app without verifying a time-based OTP on every login.
- Designed real-time transaction charts with Chart.js; users filter by date range and category and export full reports as PDF or CSV.
- Enforced encrypted sessions, HTTP-only cookies, and thorough input sanitization; no sensitive data is exposed in client storage.

Car Rental Marketplace — React · Express · TypeScript · PostgreSQL · Prisma

- End-to-end rental platform — users browse cars, check live availability, book, and pay in one flow; the system prevents double bookings and resolves scheduling conflicts automatically.
- Used Prisma ORM with PostgreSQL for fully type-safe database queries, catching several data-shape bugs at compile time rather than at runtime.
- Automated booking confirmation emails and conflict notifications via SendGrid; renters receive a receipt and calendar invite immediately on successful booking.

EDUCATION

BS Computer Science · COMSATS University Islamabad, Attock Campus

2024 – 2028 (Expected) · CGPA: 3.32 / 4.00

ACHIEVEMENTS

- Web Development Hackathon Winner — COMSATS CodeFusion Society. Competed against teams from across campus and placed first in the web development track.
- Contributed a bug fix to Lottie-Web, an open source animation library with millions of downloads — accepted and merged into the main branch.
- GitHub Developer Program Member (Pro).
- Active member of Google Developers Group On Campus, focusing on full stack web development.
- 100% on-time delivery across 9+ freelance software projects.