



Saqib Javed Qureshi

Lead Software Engineer | Full-Stack (TypeScript) | Solution Architect

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linkedin.com/in/saqib-javed-015598128 | Islamabad, Pakistan | Open to Remote (KSA / GCC / Intl)

PROFESSIONAL SUMMARY

Lead Software Engineer with **9+ years** of experience delivering enterprise, government and fintech platforms, from business analysis and system architecture to full-stack delivery and deployment. Currently leading engineering on national-scale **digital identity, consent and driver-governance platforms for Saudi government entities** (TGA, TCC). Previously built the CRM running operations for **83,000+ ISP customers**. Combines hands-on TypeScript engineering (Next.js, React, Vue, NestJS, Express, .NET) with DBA and DevOps ownership, team leadership, and a background in BPMN process analysis for government and military ERP.

KEY ACHIEVEMENTS

- Architected and led **KeyU**, a privacy-first identity platform where sensitive data lives only in device secure storage, offering OAuth-style authentication to banks, delivery and other relying parties with Identity Assurance Levels.
- Unified two legacy TGA systems into the **KSA Driver's Portal** with passwordless **NAFATH** login, now serving **1,300+** Android users.
- Led a 3-person team to build an **edge speed test on customer ONTs** at Transworld, letting 200+ support and CX staff diagnose connections instantly.
- Migrated WalletFlo from Node.js to NestJS, cutting API response times **from minutes to under 1 second**.

PROFESSIONAL EXPERIENCE

Lead Software Engineer | uTrust SA

Nov 2024 - Present | Remote, serving KSA clients

Leading engineering, architecture, DBA and DevOps for government and international identity products.

KeyU - Privacy-First Identity Authentication (International)

- Designed a model where sensitive identity data is stored only in Android/iOS secure storage; the server keeps non-sensitive metadata only.
- Relying parties (food delivery, logistics, banks) send authentication requests and receive verified identity to sign users in, similar to OAuth with a stronger privacy model.
- Registration by National ID, Resident ID or passport, mapped to Identity Assurance Levels (IAL).

Driver's Portal - Transport General Authority (TGA), KSA

- Merged two legacy TGA platforms into one system for driver and organization registration and activation, enforcing KSA delivery-sector regulations.
- Passwordless NAFATH login; driver, organization and management dashboards; 1,300+ Android users. *Next.js, Express.js, PostgreSQL*.

Tebyan (with TCC) and uFace (TGA)

- **Tebyan**: consent-based data sharing platform for KSA, compliant with the Saudi PDPL, with NAFATH authentication and role-based analytics.
- **uFace**: face registration and verification enabling TGA to randomly inspect delivery drivers, plus an admin portal and governance dashboards.

Architecture, DevOps and Delivery

- Co-design application architecture; work directly with KSA government stakeholders on requirements and solutions.
- DBA for PostgreSQL; deploy Node.js and .NET 10 Minimal API services with Docker and PM2 on RHEL/Ubuntu, published through Nginx reverse proxies on edge servers.
- Integrated Stripe and Moyasar payment gateways; manage planning and follow-ups with GitHub Projects; team uses Claude Code, Gemini Code Assist and GitHub Copilot.

Assistant Manager Software Engineer | Transworld

Nov 2023 - Nov 2024 | Pakistan

In-house ERP/CRM for a B2C internet provider: 83,000+ active customers, 200+ support and CX users.

- Owned requirement gathering, use-case extraction and ERD design for the custom ERP/CRM. *Vue.js, NestJS, PostgreSQL*.
- Led a 3-person team to build an **edge speed test on ONTs**, replacing manual customer-run tests and improving support resolution.
- Designed the architecture for **subscriptions, packages, promotions and payment bill runs** for B2C customers.
- Built a unified **lead generation** module combining the Transworld web app, Zindagi app and manual cold-call leads.
- Integrated ONTs with the ERP for internet management and remote diagnostics.

Frontend Developer | BeyondSol

May 2023 - Oct 2023 | Islamabad, Pakistan

- Built responsive UIs for US-based clients including **Ubrealty** (real estate platform for Canada/US), **Muslim Maps**, **StyleMax** and **Pasaslots**. *Next.js, Tailwind CSS, Material UI, Ant Design.*

Full Stack Software Engineer II | Turing Technologies

Nov 2022 - May 2023 | Pakistan

- Unmudl** (course marketplace): built a Dynamic Forms Engine from scratch using a standardized JSON schema and form-generation algorithm with multiple themes, enabling English/Spanish, multi-region launch. *Next.js, Tailwind, Ant Design.*
- WalletFlo** (credit card spending and promotions): migrated the backend from Node.js to NestJS and optimized it, reducing responses from minutes to under 1 second; built new API integrations.

Senior Full Stack Developer | Techgenix Pvt Ltd.

Nov 2021 - Nov 2022 | Pakistan

Led a team of 3 developers; handled client meetings, requirement translation, Jira, estimation and billing support.

- CryptoTaxView**: crypto Capital Gains Tax SaaS supporting long/short-term gains and FIFO; integrations with Binance, Coinbase, CoinJar, CoinSpot, Swyftx, MetaMask and Bitcoin wallets via API keys or Excel imports; Stripe payments.
- OMC Oil Transport System**: fuel transport and petrol management with a driver portal for vehicle registration and admin driver-vehicle assignment.
- React, Vue.js, Express.js, NestJS, PostgreSQL, MongoDB.*

Senior Design Engineer | CARE Pvt. Ltd.

Oct 2017 - Aug 2021 | Pakistan

Government and military ERP projects.

- Business process analysis with BPMN 2.0: workflow improvement, re-engineering, business blueprinting and requirement extraction.
- Built ERP workflows on a low-code/no-code platform using SQL, jQuery, HTML and CSS, including a configurable warehouse ERP.
- Point of contact for products: client demonstrations, business meetings and stakeholder interaction.
- ERD and database design, use cases and ATP preparation; SME for Project Management, IT and MRO ERP modules.

TECHNICAL SKILLS

Frontend	Next.js, React, Redux, Vue 3, Vuex, TypeScript, JavaScript, Tailwind CSS, Ant Design, Material UI, SCSS, Chart.js, amCharts
Backend	Node.js, NestJS, Express.js, .NET 10 Minimal APIs, TypeORM, REST, Swagger/OpenAPI, JWT, Passport, OAuth 2.0
Identity & Security	NAFATH (KSA), Saudi PDPL compliance, Identity Assurance Levels, consent-based data sharing, 2FA
Payments	Stripe, Moyasar
Databases	PostgreSQL (DBA), MySQL, MS SQL Server, Oracle DB, MongoDB, Elasticsearch, Logstash, Kibana
DevOps	Docker, PM2, Nginx reverse proxy, RHEL, Ubuntu, Linux VMs, edge servers, Heroku, Firebase
AI Tools	Claude Code, Gemini Code Assist, GitHub Copilot
Tools & Process	Git (GitHub, GitLab, Bitbucket), GitHub Projects, Jira, ClickUp, Jest, Vite, Webpack, Postman
Analysis & Design	BPMN 2.0, requirement engineering, ERD, use cases, ATPs, Figma, Adobe XD, MS Visio, MS Project

EDUCATION**B.Sc. Electrical Engineering** (Specialization in Computer Engineering)

Centre for Advanced Studies in Engineering (CASE), affiliated with UET Taxila, Islamabad

Graduated July 2017 | CGPA 3.27

CERTIFICATIONS

- Full-Stack Web Development with React Specialization, Coursera
- Front-End Web Development with React, Coursera (Honors)
- Front-End Web UI Frameworks: Bootstrap 4, Coursera (Honors)
- Server-side Development with NodeJS, Express and MongoDB, Coursera