

Full Stack Software Engineer

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ZIA MUHAMMAD

Doha, Qatar

Summary

Full Stack Software Engineer with 7+ years scaling high-traffic platforms across media, eCommerce, SaaS, and government — including Al Sharq News and The Peninsula Qatar (85M+ yearly views, 2M+ monthly users). Expert in Laravel, React.js, Next.js, Vue.js, RESTful APIs, and database architecture. Currently integrating LLMs (OpenAI, Gemini, Ollama) and RAG pipelines into production systems. Proven in Agile delivery, 12M+ record migrations, and multinational team environments.

Experience

Key Achievements:

- Scaled Al Sharq News & The Peninsula Qatar to 2M+ monthly users and 85M+ yearly views.
- **Integrated LLMs (OpenAI, Gemini, Ollama) and RAG pipelines** into live news platforms, enabling AI-powered search, content tagging, and article summarization.
- Engineered zero-downtime migration of 12M+ records with full data integrity.
- Shipped 30+ RESTful APIs across mobile and web apps in 5 industries.
- Integrated payment gateways (CyberSource, Stripe, Qpay, Sadad) and SMS providers (Ooredoo, Twilio).
- Delivered React Native apps for news, e-commerce, and food delivery.

Dar Al-Sharq Group, Doha, Qatar.

Full Stack Software Engineer / Dec 2020 – Present

- Designed and developed high-traffic platforms using Laravel, React.js, Next.js, Vue.js.
- Managed scalable MySQL/Maria-DB/PostgreSQL/SQLServer databases for media content and archival systems.
- Integrated LLMs (OpenAI API, Gemini, Ollama) and RAG pipelines, delivering AI-powered search, automated content tagging, and article summarization on live platforms.
- Wrote reusable RESTful APIs for mobile apps and third-party integrations.
- Migrated millions of records with APIs ensuring consistency and performance.
- Led software lifecycle phases: SDLC, Agile methodologies, code reviews, and deployment.
- Collaborated with UI/UX teams for cross-platform responsive design.
- Research and implement new technology stacks.

- Design and prepare technical documentation supporting team collaboration and operations.

SimplistQ Solutions, Doha, Qatar.

Software Engineer | Sep 2018 – Nov 2020

- Developed full-stack web applications in Laravel, React.js, and Vue.js.
- Deployed CRM and invoicing systems for enterprise clients (Sadad, Twyla, etc.).
- Performed unit testing and system debugging to ensure stability.
- Mentored junior developers and coordinated with clients on project deliverables

Education

BS Software Engineering (Hons.)

Institute of Management Sciences, Pakistan | Graduated: Sep 2018

Skills

- **Languages & Frameworks:** Laravel (PHP/MVC), React.js, React Native, Vue.js, Next.js, JavaScript, TypeScript, HTML, CSS, SCSS
- **AI & LLMs:** OpenAI API (GPT-4o), Google Gemini API, Ollama (local LLM deployment), RAG pipelines, vector databases (ChromaDB), prompt engineering
- **Databases:** MySQL, MariaDB, PostgreSQL, SQL Server — optimization, indexing & query performance tuning
- **APIs & Integrations:** RESTful APIs, Google Maps, Facebook/Meta, X (Twitter), Payment Gateways (Stripe, CyberSource, Qpay, Sadad), SMS (Twilio, Ooredoo), RSS, Sitemap XML
- **Architecture:** MVC, MVP, real-time systems (WebSockets, Pusher), microservices, API-first design
- **Server & Deployment:** Linux (Ubuntu, CentOS, AlmaLinux), Apache, Nginx, Docker, SSL, cPanel, shell scripting, cloud hosting, server optimization
- **Tools & Workflow:** Git, GitHub, GitLab, Bitbucket, Postman, JMeter, AB Load Testing, JIRA, Trello, Slack, Agile/Scrum

Certification/Achievements

- **National Cyber Security Drill – NCSA Qatar**
https://drive.google.com/file/d/12YQUkp1YYUh46x2vc_5T9L-5PJ8leAEz/view?usp=drive_link
- **GCP Fundamentals: Big Data & Machine Learning Awarding institution – Cloud Onboard**
https://drive.google.com/file/d/1WTm0cJTXCmSf8j2i4Pi4o4keCA4DqEPL/view?usp=drive_link
- **MS Word – Microsoft**

<https://drive.google.com/file/d/1XXESYM6JkBI8wqFyz88As6GpulOCu834/view>

- **MS Excel – Microsoft**

https://drive.google.com/file/d/17NW9qB-pZTHXNkf0ZF9_zDKrSjCaTCI/view

- **MS Power Point – Microsoft**

https://drive.google.com/file/d/1Q-SQn6fVjeA2B3_oEhabToSO7X5kw-Ea/view

Projects

- **Al Sharq News** – Leading Arabic daily in Qatar with 85M+ views(al-sharq.com)
- **The Peninsula Qatar** – English news site with 65M+ views (thepeninsulaqatar.com)
- **Alarab News** – Global Middle East news hub (alarab.qa)
- **Lusail News** – APIs & backend for mobile news app (lusailnews.net)
- **Qatar Press Centre** – Journalist & influencer media hub (qatarpressc.qa)
- **Tasklink**– Remote and Freelancer website/application (tasklink.qa)
- **Foras**– Ecommerce website/application (foras.qa)
- **Dar Al Sharq Group** – Centralized publishing systems (daralsharq.net)
- **Thakira Al Sharq** – Newspaper archival & analytics platform (thakiratalsharq.com)
- **Kids Expo** – Event platform for education, health, and government (kidsexpo.qa)
- **Alsharq Technology**– Corporate Website and portfolio (alsharqtech.com)
- **Top Solution Qatar** – Turnkey exhibition services (topsolutionsqatar.com)
- **Alwaraq Printing Press** – Printing ERP & workflow system (alwaraq.qa)
- **Bon and Bean** – Specialty coffee e-commerce (bonandbean.com)
- **Al Mahbara** – Custom gift design & printing (almahbrah.com)
- **Alwaseet Qatar's** – Classified ads platform for selling and renting (alwaseetqatar.com)
- **Little Sailor** – Restaurant dine-in & takeaway app (www.littlesailor.com.qa/)
- **Almass Water** – Bottle distribution & delivery portal (almaswater.com)
- **KPK Arms License Project** – Digital licensing for 22 districts in Pakistan (armslicensekpk.com)
- **UET Peshawar** – Academic system lifecycle participation (uetpeshawar.edu.pk)
- **SoloStore** – Single vendor shopping platform
- **Maroon** – Mall aggregator e-commerce platform

- **Tiollo** – Multi-vendor food delivery & hotel booking SaaS
- **SimplistQ CRM** – Invoicing, support, and payment integration (Twyla/Sadad)
- **SimplistQ Sales** – Internal telesales & staff communications tool
- **SSR Qatar** – HR & staffing portal for companies/job seekers
- **AJT Properties & Realty Finder** – Real estate sales & rental platforms
- **Hamilton Qatar** – Enterprise project management tool Qatar Civil Defence (QCDD)
- **Eaqaqa (Qatar University)** – Academic research publishing system