

MUHAMMAD RAZA SAEED

SENIOR FULL STACK ENGINEER | STAFF SOFTWARE ENGINEER

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PROFESSIONAL SUMMARY

Staff-level full-stack engineer with 10+ years of experience delivering production software across backend APIs, web applications, mobile platforms, and data workflows. Strong in Python/FastAPI, JavaScript/TypeScript, React/Angular, Node.js, system design, databases, testing, and CI/CD. Recent backend work includes a FastAPI/PostgreSQL pharmaceutical intelligence platform with external data integrations, real-time monitoring, RSS processing, automated reporting, Docker/Azure deployment, and Pytest coverage. Known for end-to-end ownership, deep debugging, reliability, and turning ambiguous requirements into maintainable systems.

TECHNICAL SKILLS

Languages: Python, TypeScript, JavaScript, Java, Kotlin, PHP, C/C++, Dart

Frontend: React, Angular, HTML5, CSS3

Backend & APIs: FastAPI, Node.js/Express, Laravel, Spring Boot, REST APIs, third-party integrations

Data: PostgreSQL, MySQL, MongoDB, SQLAlchemy, Pandas, SQLite/Room, Alembic

Cloud / DevOps: Docker, Azure, Linux, Nginx, GitHub Actions, GitHub/GitLab, CI/CD

Engineering: System Design, API Design, distributed systems fundamentals, data pipelines, observability, debugging, Clean Architecture, SOLID

Testing: Pytest, JUnit, Mockito, Espresso, Postman, unit/integration testing

Mobile: Android Native (Kotlin/Java), iOS Native, Flutter, React Native

PROFESSIONAL EXPERIENCE

Staff Software Engineer (Full-Stack) | OCN / OneCarNow

Mexico | Remote | Jan 2026 - Present

- Own end-to-end delivery of business-critical product areas across web workflows, backend services, integrations, data changes, testing, and production releases.
- Debug complex cross-service and state-transition issues, trace failures to their source, and implement durable fixes with validation, permissions, and regression coverage.
- Contribute to architecture decisions around scalability, performance, maintainability, and operational reliability; refactor bottlenecks and reduce recurring production issues.
- Partner directly with product and operations stakeholders, translate ambiguous requirements into clear technical solutions, review code, and validate releases in staging before deployment.

Senior Backend Developer - Pharmaceutical Intelligence Platform | Data Pilot

Pakistan | Remote | Contract | Apr 2025 - Nov 2025 | Python, FastAPI, PostgreSQL, SQLAlchemy, Pandas, Docker, Azure, Pytest, Alembic

- Built scalable production APIs with FastAPI and integrated external clinical-trial and pharmaceutical pipeline data sources into a unified intelligence platform.
- Implemented real-time monitoring, RSS-feed processing, subscriber-based content delivery, and automated email reporting with dynamic, personalized content.
- Worked with PostgreSQL, SQLAlchemy, Pandas, Docker, and Azure; managed schema changes with Alembic and strengthened reliability through Pytest-based test coverage.
- Designed maintainable backend workflows and data-processing components with clear API contracts, production-focused error handling, and clean separation of concerns.

Lead Software Engineer (Full-Stack) | Devgate Consultancy (Private) Limited

Pakistan | Remote | Oct 2022 - Present

- Lead full-stack delivery across backend services, web products, and mobile applications, owning architecture decisions, estimates, code reviews, releases, and production support.
- Design REST APIs, integrations, data models, and reusable components; work across Node.js, Python/FastAPI, PHP/Laravel, React/Angular, MySQL/MongoDB, and mobile stacks as project needs require.
- Mentor engineers and coordinate delivery with clients and stakeholders through technical planning, demos, issue triage, and release management.

Senior Software Engineer | VentureDive

Remote | Contract | Nov 2023 - Feb 2025 | C/C++, JNI, UDP/TCP, MQTT, LwM2M, CoAP, LoRaWAN, GitHub CI/CD

- Built performance-sensitive native components in C/C++ and JNI, integrating reusable SDK modules into mobile applications and production workflows.
- Implemented data processing and network communication using UDP/TCP and IoT protocols including MQTT, LwM2M, CoAP, and LoRaWAN.
- Wrote unit tests, supported CI/CD, investigated low-level failures, and collaborated in Scrum releases with strong focus on correctness, reliability, and maintainability.

EARLIER EXPERIENCE

Senior Android Engineer | Sofit Consultancy (Private) Limited | May 2021 - Oct 2022

Delivered and maintained production mobile solutions, mentored engineers, reviewed PRs, and supported release quality; contributed to Saudi National Bank mobile work.

Software Development Team Lead | GreenAge Services | Dec 2019 - May 2021

Led an agriculture-focused product from requirements through release, coordinating team execution, client discussions, architecture, and continuous improvements.

Sr. Android Developer / Full-Stack Contributor | Nextep Technologies | Apr 2019 - Dec 2019

Built and maintained mobile products, supporting PHP APIs, analytics/monetization integrations, performance improvements, and production releases.

Android Developer | The Capital Technologies | Feb 2017 - Apr 2019

Progressed from intern to full-time developer, delivering Android features, bug fixes, client applications, and production-quality releases.

SELECTED TECHNICAL WORK

Pharmaceutical Intelligence Platform | FastAPI, PostgreSQL, SQLAlchemy, Pandas, Docker, Azure

Clinical-trial/pipeline integrations, real-time monitoring, RSS processing, personalized reporting, data workflows, and automated delivery.

DaftarPro - Business Management Platform | REST APIs, MySQL, Web + Mobile, CI/CD

HR, attendance, payroll, deductions, employee workflows, API integration, and production support across multiple product surfaces.

TDK / CRL Native SDK Work | C/C++, JNI, UDP/TCP, Mobile Integration

Native data-processing modules, socket communication, SDK integration, performance-focused debugging, and reliability improvements.

EDUCATION & RECOGNITION

BS Computer Science | PMAS Arid Agriculture University, Rawalpindi | 2013 - 2017

Recognition: Spot Recognition Award - VentureDive | Star Performer Award - Devgate Consultancy | Extra Mile Award - Sofit Consultancy