

Junaid Khan

Software Engineer | Full Stack Developer

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Professional Summary

Results-driven Software Engineer with **5+** years of experience in designing, developing, and optimizing applications. Proficient in **Java, J2EE, Spring Boot, Hibernate, Micro services, gRPC**, and database management across **Oracle, MSSQL, MySQL, NoSQL, and PostgreSQL**. Adept at software analysis, system design, cloud-native development, and optimizing performance in diverse domains including network monitoring, tax automation, and revenue management. Skilled in leadership, technical troubleshooting, and full-stack development.

Technical Skills

- **Programming:** Java (Core, J2EE, OSGi), Kotlin, Groovy, Python, C/C++, C#, JavaScript, Typescript; Reactive Programming (Spring Web Flux, RxJava); Web Services (REST, SOAP, gRPC).
- **Web Technologies & Frameworks:** Spring/Spring Boot, Hibernate, JSP/JSF, Node.js, React.js, Angular, Vue.js, ASP.NET, HTML, CSS, Bootstrap, jQuery; Apache Kafka, ActiveMQ/RabbitMQ, Jasper Reports, Elastic search (ELK), Apache Karaf, OSGi.
- **Databases:** Oracle (PL/SQL), MSSQL, MySQL, PostgreSQL, MongoDB, Cassandra, GraphQL, Liquibase.
- **DevOps & Tools:** GitHub, Bitbucket, Jira, Azure DevOps, CI/CD, Docker, Kubernetes, Helm, Maven, Gradle, Tilt, Prometheus, Grafana, Kibana, JBoss, Jetty, Tomcat, Service Now (Incident, Change, CMDB).
- **Testing:** JUnit, Mockito, Cucumber (Gherkin), React Testing Library, Selenium, Jest.
- **Operating Systems:** Windows, Linux (Ubuntu/Debian).

Professional Experience

Software Engineer | DataQ Health / Wiseman Innovations (Jan 2024 - Present)

- Refactoring **OpenNMS Horizon & Meridian** into a **Cloud-Native Micro services application**. Enhancing **network monitoring** by improving Minion's **autonomy, security, and Flow technologies**.
- Developing and maintaining **OSGi plugins** to enhance product functionality and performance.

Software Engineer | Pakistan Revenue Automation (PRAL, FBR) (May 2021 - Dec 2023)

- Led development of **National Sales Tax Return (NSTR) and IT Return projects** for IRIS (FBR) portal.
- Automated tax data management, **streamlined tax compliance**, and optimized administration processes.

- Successfully integrated **Punjab Revenue Authority (PRA) & Point of Sale (POS) systems**, improving efficiency.

Software Engineer | Fun Prime Technology (Mar 2020 - Apr 2021)

- Developed and deployed multiple **Android applications** on Google Play Store with cutting-edge UI/UX.
 - Implemented **voice typing, language support, QR scanning**, and custom keyboard features.
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Projects

Zenith Platform (SPoG) (2025 - Present)

- Developed a unified **dashboard for OpenNMS**, displaying alarms and inventory across multiple instances.

Lokahi | Meridian | Horizon by OpenNMS (2024 - Present)

- Architecting a **scalable cloud-native network monitoring tool** focused on security, Minion autonomy, and performance.

IRIS 2.0 - Inland Revenue Information System (2022 - 2023)

- Led transformation of the **legacy tax system** into a modern **micro services-based architecture**.

PRA Punjab Revenue Authority (2022 - 2023)

- Led transformation of the **legacy tax system** into a modern **tech and trends**.

National Sales Tax Return (IRIS FBR - NSTR) (2021 - 2023)

- Executed end-to-end **development & deployment** of a highly configurable tax return system.

POS (Point of Sales) (2022 - 2023)

- Migrated **legacy POS system** into a highly scalable and **configurable digital product**.

Collage Maker | WhatsScan | Repo Write it Down (2020 - 2021)

- Published multiple Android Apps with **filters, QR scanning, and task reminders**.
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Certifications

- **Spring - Cloud Overview** (Coursera, Nov 2022)
 - **Agile Scrum Master** (Simplilearn, Dec 2023)
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Education

Master of Computer Science (CGPA: 3.53/4.00)

PMAS Arid Agriculture University, Rawalpindi

Bachelors of Science (B.Sc.)

University of the Punjab, Lahore
