Zain Khalid
Software Engineer

5 years in backend API development (Java, Spring Boot) and
3 years in web applications (PHP, Laravel). Seeks to deliver robust
software solutions by leveraging technical, problem-solving, and
troubleshooting skills.

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Professional Experience

Software Engineer - Backend
Seamless Distribution Systems, Lahore, PK   *October 2020 – August 2025*

- Swedish **fintech** provides software for telecom operators to manage agent networks and customer sales.
- Worked on a **micro-services**-based application integrated with multiple third-party systems.
- Developed and maintained mobile app APIs using **Java & Spring Boot** to power core features.
- Integrated external third party **APIs (REST & SOAP)** to extend mobile app functionality.
- Diagnosed and resolved production issues by analyzing logs and identifying root causes.
- Gained exposure to the migration of a monolithic system into a **micro-services architecture**.
- Implemented cron schedulers in Spring Boot to automate recurring tasks.
- Wrote and maintained unit tests using **JUnit** to ensure code quality and reliability.
- Developed a **React**-based dashboard to perform CRUD operations on the database.
- Worked in Linux (CentOS), deploying applications as RPM packages and within **Docker** containers.
- Assisted in automating mobile app journeys using Cucumber for end-to-end testing.
- **Technologies: Java | Spring Boot | Nginx | MariaDB | Docker | Elastic Search | Logstash | Kafka | React | Groovy**

Freelancer - Web developer
Upwork, Fiverr, Remote   *February 2018 – October 2020*

- Developed and improved web solutions from conception to completion.
- Built a **Laravel** app for a US healthcare company, end to end, streamlining clinical documentation/reporting.
- Worked for Dotila – a Mexico-based SaaS invoicing platform – enhancing its Laravel application by reducing load time by 92% (50s → 4s) through database indexing, SSL certificate installation, and much more.
- **Technologies: php | Laravel | AWS (EC2, S3) | HTML | CSS | JavaScript | Vue | Redis**

Software Engineer - Web developer
Heuristix, Lahore, PK   *November 2017 – February 2018*

- It was a project based startup related to web development services.
- Developed a lodging web application from scratch, similar to Airbnb, using **PHP, Laravel**.
- Integrated Google APIs(OAuth, Maps, Autocomplete) to enhance user onboarding & location features.
- Worked on an admin portal for a shutter-selling platform built on **CodeIgniter**, added PDF report generation
- **Technologies: php | Laravel | HTML | CSS | JavaScript | jQuery**

Education

Bachelor of Science in Electrical Engineering
University of Management & Technology, Lahore, PK   *Graduated: February 2012 - June 2016*