

# Shariq Shaikh

Passionate Senior Back-end Developer with 5 years of experience in Java, PHP, and Python, I have led mission-critical software projects to success, always on time and within budget. Skilled in mobile app development and cloud deployment on Azure, I excel at creating scalable, reliable solutions. Passionate about driving innovation and continuous improvement, I'm dedicated to delivering high-quality, efficient software solutions.

## WORK EXPERIENCE

### *Flyhead Media*

### Senior Software Engineer

India, Gurugram (Remote)

JUN 2024 - PRESENT

- Developing micro services on Node.js and Java Spring Boot for social media integration.
- Utilized Ayrshare APIs to manipulate social media data for approx 1m users.
- Leading the project, launched in November 2024 on App store and Playstore.

### *PiA (people in Action)*

### Senior Software Engineer

Turkey, Istanbul (Remote)

SEP 2023 - SEP 2024

- Developed Spring Boot micro services, providing scalable and efficient solutions essential to our software ecosystem.
- Utilized Camunda Modeler for designing and implementing workflows, creating and managing process models, orchestrating tasks, and ensuring smooth execution of business processes.
- Automated housekeeping and production patching jobs with Python, significantly improving system efficiency and reducing manual intervention.
- Reduced production patch job time duration by 80% through the implementation of automation scripts, enhancing overall productivity.
- Created a batch job process capable of handling 0.5 to 1 million records, efficiently extracting data from CSV files and loading it into the database.
- Achieved project goals consistently within the given time frame, while remaining open to and accommodating requested changes.

### *Solarinformatics*

### Senior Backend Engineer

USA, Minneapolis (Remote)

JAN 2023 - SEP 2023

- Developed Restful web services using Spring Boot and Java, forming the backbone of our SAAS application and ensuring high efficiency and reliability.
- Led the Batch Job Engine, utilizing SpringBatch, ScheduledFuture, TaskScheduler, and ETL processing to automate complex data processing tasks. This engine has been instrumental in automating invoicing and reporting processes, handling everything from billing calculations to invoice generation and emailing invoices to over 15,000 customers.
- Implemented a stand-alone Batch Scheduler using Spring Cloud, Spring Batch, and Azure Spring Apps, significantly improving the efficiency and scheduling capabilities of our system.

My promotion to Senior Backend Developer at Solarinformatics reflects my increased responsibility and technical expertise in the development and maintenance of our SAAS application. I am dedicated to delivering high-quality

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Github:

<https://github.com/alshaikhshariq>

## TECHNOLOGIES

### Stack

Java/Spring Stack, PHP/Laravel Stack, MEAN Stack

### Other

Java, SpringBoot, Node.js, Angular, Bootstrap, MongoDB,, MySQL, PostgreSQL, Git, PHP, Laravel SQL, Python, Django JavaScript, Azure

## PROJECTS

### Android NFC Reader (SEP 2023).

I developed an Android NFC Tag Reader App that seamlessly scans NFC tags and sends data to custom webhooks via secure HTTP POST requests. The app features a user-friendly interface, robust security, and offers customization and scalability to fit diverse business needs.

## EDUCATION

Iqra University, **BS Computer Science**  
Pakistan, Karachi  
2014-2019

## LANGUAGES

English C2, fluent

solutions that contribute to the success of our software and Solarinformatics' mission.

## **Backend Engineer**

JUN 2020 - DEC 2023

- Developed RESTful web services using Spring Boot and Java, forming the backbone of our SAAS application and ensuring high efficiency and reliability.
- Led the Batch Job Engine, utilizing SpringBatch, ScheduledFuture, TaskScheduler, and ETL processing to automate complex data processing tasks. This engine has been instrumental in automating invoicing and reporting processes, handling everything from billing calculations to invoice generation and emailing invoices to over 15,000 customers.
- Integrated third-party tools like Jasper Reports and PowerBI for reporting, and SendGrid for email communications.
- Developed a robust email engine as part of a communication microservice, capable of handling dynamic template creation with HTML and integrating dynamic data into these templates for emailing, OTP, and other messaging functionalities.
- Developed ETL jobs from scratch, scheduled every 30 minutes, which accumulate data for over 15,000 customers across 6-7 different tenants.
- Reduced the extraction job duration from 40 minutes to 2.5 minutes, achieving a timesaving of 95%.

## *FM Software Ltd*

## **Backend Engineer**

Pakistan, Karachi (On-site)

FEB 2020 - SEP 2020

- **Web Application Architecture:** Led the architecture and development of a comprehensive in-house order management system using PHP and Laravel. This system managed order data for over 50,000 leads and featured 5 distinct portals: Admin, Manager, Developer, Agent, and Customer. The system facilitated seamless order processing, from lead creation and closure by agents to customer dashboard access, and allowed managers to assign tasks to developers, designers, and animation artists for web/mobile apps, logos/banners, and videos, respectively..

## *Centosquare*

## **Software Engineer**

Pakistan, Karachi (On-site)

MAY 2019 - JAN 2020

- Developed web-based applications collaboratively with a team, while maintaining and enhancing existing solutions.
- Managed the web panel for Android applications, ensuring seamless integration and improved user experience.
- Integrated REST API to enable effective communication between the application and back-end systems.
- Collaborated with cross-functional teams using GitHub for version control and code management.

