

Shahzaib Rehman | Full Stack Dev

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<https://github.com/CodingWithShahzaib> | Model Town, Lahore , Pakistan

Total Experience: 4+ Year

Programming Languages: Javascript, Typescript, Python, SQL

Frontend: React, Next.js

Backend: Express.js, flask, fastapi, Langchain, N8N

Database: MongoDB, Firestore, Microsoft SQL Server (MSSQL), PostgreSQL, Redis, weaviate, Supabase Vector DB

Cloud Platforms: Google Cloud Platform (GCP), Amazon Web Services (AWS), Microsoft Azure, OVH

Payments: Stripe, Paypal, Paygood

DevOps & CI/CD: GitHub Actions, Docker, Kubernetes

Work Experience

Infaque | Experience: 1.5 Year

Feb 2024 - Present

Senior Software Engineer

- Integrated and configured **Stripe**, **PayPal**, and **Paygood** payment processors for seamless donation experiences.
 - Implemented secure session creation, payment confirmation, and webhook handling for all payment providers.
 - Automated parsing and processing of **Interac payment** notification emails for seamless donation tracking.
 - Designed and executed a comprehensive outreach feature, increasing campaign engagement by 25%.
 - Automated backend data processing, including parsing, validation, and duplicate management, using serverless cloud functions.
 - Integrated multiple third-party APIs (**Eventbrite**, **Xero**, **Mailchimp**, **QuickBooks**, **Google**, **Meta**) for data synchronization and analytics.
 - Built robust backend services for dashboard management, KPI refresh, and financial reporting using Firebase Cloud Functions and Prisma ORM.
 - Enabled bulk data entry and validation for programs, donors, and HR via CSV and API integrations.
 - Automated KPI collection and reporting for financial and marketing metrics.
 - Deployed scheduled tasks for token refresh, notifications, and data synchronization.
 - Designed and implemented a scalable dashboard architecture capable of executing and displaying 1000+ dynamic SQL queries as individual widgets across customizable dashboards.
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Aiworks.ai | Experience: 1.5 year

Aug 2022 - Feb 2024

Software Engineer

- Developed Sharove (E-Commerce) web application using Next.js 13.
 - Integrated Large Language Models (LLMs) to increase productivity for vendors, retailers, and consumers.
 - Implemented workflow that triggers a new **EC2** instance for various storefronts.
 - Created tools for dynamic **agent routing** and orchestration.
 - Integrated **LLMs** to boost productivity for stakeholders.
 - Developed a Proof of Concept (PoC) to improve marketplace experience.
 - Automated routine tasks to reduce manual workload.
 - Implemented **RAG** for product data retrieval from vector databases.
 - Handled prompt engineering across various applications.
 - Optimized the size of docker container from 1.5Gb to 90Mb using **multi stage build** approach.
 - Set up CI/CD pipelines using Dokku for automated deployment.
 - Fine-tuned LLMs (e.g., **Mistral**, **LLaMA 2**) for specific use cases.
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Aquila360 | Experience: 1 year

Aug 2021 - July 2022

Software Engineer

- Designed and configured multi-stage Azure Pipelines for automated build, test, and deployment processes.
- Implemented infrastructure as code (IaC) using ARM templates and YAML pipelines for consistent environment provisioning.
- Worked with Azure Cloud and set up CI/CD pipelines.
- Configured deployment slots and rolling updates for zero-downtime releases in Azure App Services.
- Deployed apps using **Docker**, **Kubernetes**, and YAML-based configurations.