

Ijaz Ul Rehman

+92-306-0101881 | ijazrehman.dev@gmail.com | linkedin.com/in/ijazulrehman | github.com/ijazulrehman

TECHNICAL SKILLS

Languages: Java, Python, SQL, Typescript, JavaScript, HTML/CSS, R

Frameworks: Angular, Node.js, NestJs, Temporal, RabbitMQ, Socket.io, Websocket, Flask, JUnit, WordPress, Material-UI, FastAPI

Developer Tools: Git, Docker, TravisCI, Google Cloud Platform, VS Code, Visual Studio, PyCharm, IntelliJ, Eclipse

Databases: Postgres, MongoDB, Elasticsearch, Redis

Cloud: AWS Pipeline, AWS Lambda, AWS SES, AWS SNS, AWS SQS, AWS Elastic Transcoder, AWS EC2, AWS RDS, AWS IAM, AWS ECS & ECR, Digital Ocean **Libraries:** pandas, NumPy, Matplotlib

INDEPENDENT CONTRACTOR/ SENIOR SOFTWARE ENGINEER

Kross Finance

Seoul, KR

- Collaborated with stakeholders to develop technology road maps for improving **services performance** by **17%**
- Extracted class to adhere to Single Responsibility Principle, consolidated conditionals for readability, used polymorphism to reduce cyclomatic complexity, implemented command pattern for extensibility, etc.
- Set up a functioning proxy service on private network, effort to provide integration interface to partners, to automate their business processes, which now processes **6+%** of all F22 transaction volume
- Diagnosing issues and fixing bugs
- Implemented TDD to have complete code coverage. (Functions & Statements with 82% threshold)
- Involved in all aspects of software development.

Skimli

Irvine, CA

- Led the development of **10** powerful microservices using NestJS
- Implemented advanced technologies such as Temporal Workflow for seamless task coordination
- Worked alongside CTO to lead the research, development, and architecture of technical solutions to fulfill business requirements
- Diagnosing issues and fixing bugs
- Implemented TDD to have complete code coverage. (Functions & Statements with 80% threshold)
- Involved in all aspects of software development.

Deal Driver

Palo Alto, CA

- Spearheaded the development of an AI-powered inbox system leveraging ChatGPT, achieving a significant impact on email management efficiency.
- Implemented ChatGPT to process and respond to emails, resulting in a reduction of response times by **50%**.
- Customized ChatGPT to extract key information from sales deals and phone calls, improving data accuracy by **80%**.
- Integrated ChatGPT into the email processing pipeline, automating information extraction for **10,000+** emails per day.

WayWiser

Austin, TX

- Oversaw and supervised the technical aspects of the startup, providing strong direction and ensuring the successful execution of projects.
- Designed a robust and scalable system architecture, setting the stage for efficient operations and future growth.
- Built and established essential development tools and infrastructure, empowering the team with the resources needed for seamless and productive work.
- Successfully implemented and deployed more than 30 API endpoints, facilitating smooth communication and integration between different software components.
- Provided valuable support and guidance to the mobile development team, fostering their growth and enabling them to deliver high-quality mobile applications.

EXPERIENCE

R&D Software Engineering

Apr. 2021 – Apr. 2022

EMPG LABS

Lahore, PK

- Developed address auto-complete, geocode, and reverse-geocode API services that serve **7 million+** house addresses, POIs, landmarks, and areas of Pakistan with high accuracy and relevance, utilized by prominent companies such as OLX, and Zameen.com Implemented new RESTful services.
- Developing AWS pipelines for CI/CD infrastructure using AWS ECR & ECS.
- Implemented Spring Security for authenticating, and authorizing users.
- Involved in all aspects of software development.

Tech Lead & Founder

May 2018 – Mar. 2020

Geosocio

Lahore, PK

- Oversaw product development.
- Designed, and developed the front-end of the web portal of the location-based application using Angular consisting of **350** reusable components.
- Built API gateway & SMS routing micro-service.
- Achieved a Lighthouse score of **100/100** on front-end.
- Optimized service layers, request queues, and MongoDB data model to handle request load of **83,000-98,000/sec** during peak.
- Involved in all aspects of software development.

EDUCATION

COMSATS University

Islamabad, PK

BS Software Engineering

2014 – 2018