Rehman Akram Chughtai

Software Engineer

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Portfolio: https://rehman-akram.netlify.app
Medium: https://medium.com/@rehmanakram03

PROFESSIONAL SUMMARY

IT professional with around 4+ years of experience in software development. Successfully delivered high-quality results both individually and within a team environment. I'm enthusiastic about collaborating and exchanging ideas with colleagues and fellow thinkers.

SKILLS

Node.js (Express, Nest.js), Typescript, React.js, Next.js, Angular, Microservices Architecture, Event-driven Architecture, AWS, Open AI, Generative AI, Open Search, Sockets, Dockers, TypeORM, GraphQL, REST APIs, Sequelize, Kafka, RabbitMQ, gRPC, Redis, PostgreSQL, MongoDB, DynamoDb, Langchain, Python, Machine Learning, Deep Learning.

WORK EXPERIENCE

SOFTWARE ENGINEER AT CINNOVA

cinnova.com

From Aug 2024 - Present   *Lahore, Pakistan*

Coleridge - (As Full Stack Developer)

Working on a US based project as a full stack developer. It's a product where researchers can collaborate efficiently using shared datasets and resources.

• **Stack:** Nest-JS, postgresql, AWS (FSx, AD, S3), Typeorm, Okta, React, Shadcn/ui, tailwindCss.

SOFTWARE ENGINEER AT FOCUSTECK

focusteck.com

From November 2022 - Aug 2024   *Lahore, Pakistan*

Loyalty Reward App - (As Backend Developer + Team Lead)

Loyalty Reward App, seamlessly integrates with multiple businesses, providing an easy-to-use platform for managing customer rewards, tracking engagement, and delivering personalized offers. By leveraging the features of the Loyalty Reward App, businesses can effectively enhance customer satisfaction and drive repeat business.

• **Stack:** React, Nest-JS, postgresql, AWS, Typeorm, sockets,

Project Global Care Finder - (As Backend Developer + Team Lead)
A comprehensive tool for online appointment and chat systems. It allows a patient to book an appointment with a doctor as per doctor's available time slots, further doctor and patient can chat once appointment is booked. Patients can find doctor on the basis of location, doctor's expertise, qualification, etc.

• **Stack:** React, Nest-JS, postgresql, AWS, Typeorm, sockets,

Project Helphive - As Full Stack Developer (MEAN)
Live customized chatting product build from scratch. It contains both an admin panel and public chatbots for specific domains. These chatbots can be created, updated and trained on custom data.

• **Stack:** Angular, sockets, Nest-Js, Typescript, Postgresql, Dynamo db, Typeorm, Open Ai, AW

Project Ideawake - As Full Stack Developer (MEAN)
Its an idea management platform live product which is proven to transform ideas to impact. It is completely dynamic and can be updated as per customer needs. Developed new features, third party integrations like openai, rollout etc., resolved bugs, Node and typeorm version upgradation etc.

• **Stack:** Angular at frontend, NestJs at backend, PostgreSQL, MongoDB, Microservice architecture, Open-AI, Open search, Elastic search, Redis, Node JS, Typeorm, Express, PostgreSQL, Dockers, REST APIs, Angular, Nest JS, AWS, sockets,

SOFTWARE ENGINEER AT KWANSO

kwanso.com
From Jan 2022 - November 2022   *Lahore, Pakistan*
BIB - (As Backend Developer)
Worked on developing a system for Background Investigation Bureau.

• **Stack:** Nest-JS, postgresql, AWS, Typeorm, GraphQL

HELMER - (As Backend Developer)
A project of a law firm to manage all records, events, activities digitally.

• **Stack:** Nest-JS, postgresql, AWS, Typeorm, GraphQL

Mindcette - (As React Developer)
Worked as frontend react developer and integrated it with backend. It is a tool to test entrepreneurial thinking of a person

• **Stack:** React, Material UI, GraphQL

ASSOCIATE SOFTWARE ENGINEER AT NGXOFT

ngxoft.com

From Feb 2021 - Jan 2022   *Lahore, Pakistan*

Worked on several projects as a full stack developer.

• **Stack:** React, Express, Nest js, Postgresql, Rest APIs, Material UI.

PERSONAL PROJECTS

PORTFOLIO

April 2024

Created my own portfolio which summarizes my experience, skills and hobbies.

Github: https://github.com/Rehman-Akram/portfolio
Link: https://rehmanakram.online

• **Stack:** React, AWS S3, Bootstrap.

NEST JS BOILERPLATE

Feb 2024

I developed a backend boilerplate in Nest-JS, which enables me to start projects quickly. It has two branches. In one branch RBAC is implemented. Further i have used passport jwt strategy for auth.

Github: https://github.com/Rehman-Akram/boiler-plate-nestjs

• **Stack:** Nestjs

CHAT WITH MULTIPLE PDFS

March 2024

In this project, I created a Q&A chatbot. It takes multiple PDFs as an input and on the basis of those pdfs it will respond to your queries.

Github: https://github.com/Rehman-Akram/chat-with-multiple-pdfs
Link: http://54.254.151.238:8501/

• **Stack:** Gemini Model, FAISS, Python, Langchain, Streamlit

EXPRESS BOILERPLATE

JAN 2024

I developed a backend boilerplate in Express-JS, which enables me to start projects quickly in express. Further I have used the passport jwt strategy for auth.

Github: https://github.com/Rehman-Akram/boiler-plate-express

• **Stack:** Sequelize, Postgresql, Express, Javascript

GRPC MICROSERVICES

July 2024

I developed a microservices architecture using gRPC. Implemented API gateway, Auth service, protocol buffers repo, product service and order service. This is for learning purposes and I implemented a prototype.

Github-proto: https://github.com/Rehman-Akram/grpc-nest-proto
Github-auth: https://github.com/Rehman-Akram/grpc-auth-svc
Github-product: https://github.com/Rehman-Akram/grpc-product-svc
Github-order: https://github.com/Rehman-Akram/grpc-order-svc
Github-api-gateway: https://github.com/Rehman-Akram/grpc-api-gateway
Medium:https://medium.com/@rehmanakram03/microservices-communication-api-gateway-pattern-using-grpc-a165c7425bfb

• **Stack:** Nestjs, Postgresql, Typeorm.

Certifications

AWS AIF-C01   **2025**
834/1000
AWS AI Practitioner

CCNA   **2016**
CISCO

EDUCATION

MS (Computer Science)   **2018-2021**
3.56/4.0
COMSATS, Lahore Pakistan

MS (Telecom Networks)   **2014-2016**
3.7/4.0
UET, Lahore Pakistan

BS (Electronics & Communication Engineering)   **2006-2010**
3.27/4.0
UET Faisalabad Campus, Lahore Pakistan