

Ahmad Yaqoob

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Summary

Full Stack Engineer with **3+ years** of experience and expertise in building scalable web and AI-powered applications using **Python, JavaScript / TypeScript**, and modern frameworks. Skilled in delivering efficient solutions across frontend and backend, driven by innovation and a commitment to exceeding client expectations.

Experience

Senior Software engineer

MergeStack

Lahore Punjab

08/2024 to Present

- Developed and deployed AI-driven applications using LLMs like OpenAI, Gemini, and Claude AI, increasing operational efficiency by 25% and enhancing user engagement by 30%.
- Built scalable microservices-based applications following best system design practices, improving reliability, efficiency, and performance by 70%.
- Optimized data handling with support for diverse file formats and embeddable AI widgets, enhancing processing efficiency by 20% and boosting user retention by 15%.
- Ensured platform reliability, achieving 99% uptime through active support, fostering client confidence and satisfaction.

Senior Full Stack Engineer

Brackets Private Limited

Gujranwala Punjab

09/2022 to 08/2024

- Created and deployed scalable applications in AI, healthcare, and management domains using microservices architecture, ensuring high performance and reliability with 99% availability.
- Streamlined development and deployment workflows by implementing CI/CD pipelines, reducing release times by 40% and improving system stability.
- Led teams and collaborated with clients to deliver solutions with real-time notifications, IoT integration, and secure data handling.
- Responsible for creating intuitive interfaces and AI-powered solutions using Node.js, React.js, TailwindCSS, Langchain, and OpenAI, enhancing user engagement and personalization.

Full Stack Engineer

Innovate Technologies

Gujranwala Punjab

03/2021 to 08/2022

- Built advanced AI-driven applications with React.js and Node.js, enabling real-time content generation across 200+ categories, advanced image manipulation, and dynamic interactive features
- Integrated Stripe to process 10,000+ monthly transactions and optimized CRM systems for lead and auction management.
- Implemented CI/CD pipelines, cutting deployment times by 50% and enabling bi-weekly feature releases for secure pharmaceutical applications.

Education

University of Gujrat HHC

Bachelors in Computer Science

09/2018 to 08/2022

Govt. Post Graduate College Gujranwala

Intermediate in Computer Science

08/2016 to 04/2018

Skills

- Node JS - Nest JS - Express JS - EJS - GraphQL - Web Sockets - Swagger
- React JS - Next js - WebRTC - Tailwind MaterialUI - Shadcn
- MongoDB - SQL - Postgresql - Redis Pinecone - Firebase - Supabase,.
- Microservices Architecture - Docker - Grpc - RabbitMQ - AWS.
- Test-driven development using Jest & Mocha.
- Bitbucket - Github - ClickUp - Trello - Jira
- Understanding: Python - RAG - LangChain - LangSmith - Llamaindex - Azure.

Key Projects

- **Monitair Health** : HIPAA-compliant app using 15 microservices to monitor chronic care and integrate Philips, Respironics and ResMed devices.
- **Veronica's Insurance**: Insurance platform with AMS, CRM, lead team of 12 members with management, quoting, payments, and reporting.
- **Excessify HQ** : CRM for managing foreclosure and tax sale leads with bulk imports and email integration.
- **Perkforce** : Created a platform connecting employees with local businesses and centralizing corporate benefits.
- **Tour 27** : Revolutionized tourism with VR-powered peer-to-peer and group tours, co-owned by leading travel agencies.
- **Sumrly AI** : AI-powered platform supporting up to 1M users, generating summaries, flashcards, notes, and quizzes to enhance learning and comprehension.

INTERESTS

- **System Design**: I have keen interest in learning different techniques to build reliable, highly available, consistent and optimized solutions.
- **Design Patterns**: I aim to apply design patterns for scalable, extendable, maintainable software.
- **DevOps Tools**: I'm focused on mastering DevOps tools to automate workflows and optimize deployments.

Tip: All the heading in experience, projects and education are clickable, please click to go to the attached linked