

Nazim Raza

Full Stack Engineer | MERN | React Native | Cloud (AWS / Azure) | Microservices | AI Integrations
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SUMMARY

Full Stack Engineer with 4+ years architecting and shipping scalable, production-grade web and mobile systems across healthcare, childcare, fintech, automotive, and large-scale event domains. Expert in React, Next.js, React Native, Node.js, NestJS, .NET Core, and Golang on AWS (EKS, Lambda, Cognito) and Azure (AKS, Container Apps, Functions). Proven track record of designing event-driven, distributed systems with high availability — leveraging Kafka, RabbitMQ, Azure Service Bus, Socket.IO — and integrating Stripe, OpenAI, and SSO platforms. Passionate about clean architecture, system design, and delivering reliable products end-to-end.

CORE COMPETENCIES

Full Stack Development • Microservices Architecture • Cloud Architecture (AWS / Azure) • Event-Driven Architecture • Distributed Systems • Real-Time Systems • System Design • Scalable Architecture • High Availability Systems • REST & gRPC API Design • CI/CD & DevOps • AI / LLM Integrations • Mobile App Development • Agile / Scrum Delivery

WORK EXPERIENCE

Full Stack Developer – Aquila360 Software Solution

Oct 2021 – Present

Lahore, Pakistan

- Architected and shipped 12+ enterprise web and mobile applications across healthcare, childcare, fintech, automotive, and event-management domains for clients in the US, UK, UAE, and Australia.
- Engineered scalable frontends in React, Next.js, Angular, and React Native; designed backend microservices in Node.js, NestJS, .NET Core, and Golang on MongoDB, PostgreSQL, and CosmosDB.
- Orchestrated cloud deployments on AWS (EKS, ECR, Lambda, Cognito) and Azure (AKS, Container Apps, Functions) using Docker and Kubernetes — delivered zero-downtime releases for 4 enterprise apps.
- Designed event-driven, distributed systems using Kafka, RabbitMQ, Azure Service Bus, gRPC, and Socket.IO for high-throughput, real-time workflows.
- Optimized backend performance by 20% via query tuning and caching; reduced deployment time by 30% by automating CI/CD pipelines.
- Collaborated cross-functionally with product, design, QA, and overseas stakeholders in Agile / Scrum using Jira, Postman, and GitHub.

TECHNICAL SKILLS

Frontend:ReactJS, NextJS, React Native, Angular, Redux, Redux-Toolkit, Tailwind CSS, Material UI, HTML5, CSS3, TypeScript

Backend:NodeJS, ExpressJS, NestJS, .NET Core, Golang, Python, REST APIs, WebSockets, gRPC

Databases:MongoDB, PostgreSQL, SQL Server, CosmosDB, Firebase, Supabase

Cloud (AWS):EKS, ECR, Lambda, Cognito, Amplify, SES, CloudWatch

Cloud (Azure):AKS, Container Apps, Azure Functions, Service Bus, Blob Storage, Queue Triggers, REST APIs

ArchitectureMicroservices, Event-Driven Architecture, Distributed Systems, High Availability, System Design, Scalable Architecture

DevOps & MessagingDocker, Kubernetes, CI/CD, RabbitMQ, Kafka, Azure Service Bus, Socket.IO

IntegrationsStripe, Twilio, SendGrid, OpenAI, Microsoft Bookings 365, Microsoft Teams, Identity Server, Google Maps, MapBox, Firebase Push

Tools & MethodsGit, GitHub, Jira, Postman, Agile/Scrum, Figma

SELECTED PROJECTS

ChildCareForward — Childcare Center Automation SaaS

Jun 2025 – Present

Next.js, NestJS, MongoDB, Azure AKS, RabbitMQ, Azure Service Bus, Stripe, OpenAI, SendGrid, Microsoft Bookings 365, Microsoft Teams

- Built multi-tenant SaaS automating childcare operations: enrollment, staff & student scheduling, attendance, and parent–staff communications.
- Architected event-driven backend with RabbitMQ and Azure Service Bus; deployed on Azure AKS with full CI/CD.
- Integrated Microsoft Bookings 365, MS Teams, Stripe billing, SendGrid, and OpenAI-powered communication workflows.
- Implemented SSO, role-based access control, and staff turnover modules; shipped marketing site, blog, and content modules.

ALEC / NurseFlow — Healthcare Staff Scheduler

Jan 2025 – Jun 2025

Next.js, NestJS, PostgreSQL, Azure Container Apps, WebSockets

- Engineered SaaS scheduler optimizing nurse allocation across multi-facility healthcare networks.
- Designed intelligent auto-assignment algorithms based on availability, certifications, and preferences — reduced manual scheduling effort by ~60%.
- Built real-time notifications with WebSockets; deployed on Azure Container Apps backed by PostgreSQL.

Dividely — Mobile Expense Splitting App

Aug 2024 – Dec 2024

React Native, NestJS, AWS EKS, AWS ECR, Firebase, Supabase, CloudWatch

- Led end-to-end build of mobile app for splitting expenses across groups, families, and friends — published on App Store.
- Implemented automatic bill splitting, real-time balance tracking, secure group management, and push-notification reminders.
- Engineered NestJS backend on AWS EKS with ECR image management and CloudWatch monitoring.

JINO — On-Demand Car Care Platform (Web + Mobile)

Jul 2023 – Jul 2024

React, React Native, Node.js, Express, PostgreSQL, AWS EKS, AWS Cognito, AWS Amplify, Google Maps

- Engineered mobile-first on-demand car care platform with real-time bookings, technician tracking, and secure payments — published on App Store.
- Built customer & driver React Native apps with Google Maps and a React admin dashboard backed by Node/Express on PostgreSQL.
- Implemented authentication via AWS Cognito + Amplify; deployed backend to AWS EKS with ECR.

Cameline — 24 Hour Therapy Platform

Mar 2023 – Jul 2023

Next.js, NestJS, MongoDB, Redux Toolkit, Azure Service Bus, Stripe

- Built online therapy platform enabling users to book private sessions with licensed therapists.
- Implemented in-app video sessions and integrated secure Stripe payment workflows.
- Architected NestJS services with Azure Service Bus for asynchronous booking events and Stripe webhooks.

Enroute — Site Inspection Portal

Jul 2022 – Sep 2022

React, Node.js, Azure Functions, CosmosDB, Azure Blob Storage, Azure Queue Trigger, Firebase

- Built UK-based field-survey web portal for managing inspections by remote surveyors.
- Engineered serverless processing pipeline with Azure Functions and Queue Triggers for asynchronous notifications.
- Used Firebase for real-time updates, CosmosDB for survey storage, and Azure Blob for media assets.

Employee Management Web Portal

2022 – 2024

React, Golang, MongoDB

- Built internal HRMS covering employee directory, leaves, medical allowance, and payroll.
- Engineered high-performance Golang REST APIs on MongoDB paired with a React admin dashboard.

AI SaaS Suite — HiveFlow GPT, Voice Consultant AI, USA Net Zero, CostWise

Ongoing

React, Node.js, OpenAI

- Contributed to four AI-driven SaaS products spanning workflow automation, voice consultation, sustainability tracking, and carbon-cost analytics.

KEY ACHIEVEMENTS

- Deployed 4 enterprise applications to AWS EKS and Azure AKS with zero downtime.
- Reduced deployment times by 30% by automating CI/CD pipelines.
- Optimized backend performance, achieving a 20% improvement in API response times.
- Shipped 5+ React Native mobile applications to the Apple App Store and Google Play.
- Delivered solutions for international clients across the US, UK, UAE, and Australia.

EDUCATION

BS Information Technology

2018 – 2022

Virtual University of Pakistan | Mianwali, Pakistan | Gold Medalist

AWARDS & RECOGNITION

Gold Medal

Dec 2023

Virtual University of Pakistan

Merit Certificate

Dec 2023

Virtual University of Pakistan