

NAVEED AHMED

Backend / Product Engineer

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Open to remote worldwide opportunities and relocation

SUMMARY

Backend / Product Engineer with production experience since 2021 building backend APIs, SDKs, integrations, payment and scheduling systems, and AI-enabled products. At Aridian Technologies, contribute to Rasterex Software AS, an Oslo-based CAD/BIM/PDF viewing company serving developers worldwide; co-founded PlayLight, a personalized AI product built with NestJS, PostgreSQL, pgvector, embeddings, retrieval, and LLM APIs.

CORE SKILLS

Backend & Async: Node.js, TypeScript, NestJS, Express.js, REST APIs, Redis, BullMQ, RabbitMQ, authentication/authorization

Data & AI Backend: PostgreSQL, SQL, pgvector, PostGIS, embeddings, vector retrieval, LLM APIs, persistent context

Developer Platform: JavaScript/TypeScript SDKs, npm packages, iframe/PostMessage, public API contracts, Stripe/Stripe Connect

Cloud & Production: AWS, Docker, Linux, CI/CD, observability, Nginx, Azure, Git/GitHub

EXPERIENCE

Backend Software Engineer — Aridian Technologies LLC | Rasterex Software AS

Nov 2024 - Present

- Develop and evolve the @rasterex/viewer JavaScript/TypeScript npm SDK and framework-independent integration layer for embedding Rasterex Canvas in customer applications.
- Define and maintain iframe/PostMessage and SDK integration contracts across viewer lifecycle, document commands, events, errors, and host-application boundaries.
- Create SDK documentation, GitHub examples, and integration guides; work directly with international customers to reproduce integration issues and turn findings into product, SDK, or documentation improvements.
- Support package/installer delivery and self-hosted/customer-managed integration workflows for Rasterex, whose viewing technology is deployed across 50+ countries.

Technical Co-Founder / Backend Engineer (Part-time) — PlayLight | playlight.app

Jan 2026 - Present

- Co-founded PlayLight and own hands-on backend/product architecture for a personalized AI application built with NestJS and PostgreSQL.
- Build user-scoped persistent context and retrieval with embeddings and pgvector across retrieval, context assembly, LLM calls, and persistence, with explicit tradeoffs around isolation, stale context, token cost, reliability, and AI security.

Backend Software Engineer — M TECHUB LLC | Rawalpindi, Pakistan

Oct 2023 - Jul 2024

- Built Node.js/Express/PostgreSQL backend services for a scheduling platform integrating Google Calendar, Google Meet, and Zoom.
- Implemented Stripe subscriptions, payments, Stripe Connect payouts, and wallet workflows for a coach-client marketplace.
- Built PostGIS-based nearby-user discovery and location-aware REST APIs for mobile applications.

Software Developer — Media Techtics | Rawalpindi, Pakistan

Sep 2021 - Sep 2023

- Developed Node.js/Next.js e-commerce applications and REST APIs for products, carts, checkout, orders, authentication, and payments.
- Supported production delivery and backend improvements as product requirements evolved.

EDUCATION

Higher Secondary School Certificate (Pre-Engineering) — Model Science College | Muzaffarabad

2019 - 2021