

# ABDUL MATEEN

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## Software Engineer | Full Stack Web Developer

Software Engineer with almost 3 years of experience designing and scaling real-time, production-ready applications. Skilled in backend architecture, serverless computing, and TypeScript migrations, with a proven record of delivering performance gains, system reliability, and end-to-end product ownership.

### Core Competencies

**Backend & Cloud** Node.js, TypeScript, Go, AWS, Google Cloud Platform, Docker, Serverless, NestJS

**Frontend & UI** ReactJS, Next.js, Vue.js, TailwindCSS, Redux, Context API, Recoil

**Data & Automation** PostgreSQL, MySQL, MongoDB, Amazon DynamoDB, Playwright, Jest (JavaScript Testing Framework), Vitest, NestJS Tests, CI/CD

**Performance & Reliability** Load Time optimization 99.9%, Uptime APIs, Monorepo, Migration

### EXPERIENCE

PennyCanny

Nov 2022 - Present

Software Engineer

- Owned entire SDLC, overseeing **backend, frontend, and multiple internal projects simultaneously** while ensuring seamless execution and delivery.
- Architected and maintained **scalable backends** (DynamoDB, MongoDB, Express, Koa), streamlining internal APIs and **reducing system latency by 20%**
- Led **TypeScript migration** in a **monorepo**, improving **code reliability** and cutting **critical issues by 15%**.
- Optimized system performance by integrating **AWS and Google Cloud services**, resulting in a **20% reduction in load times** and improved scalability.
- Enhanced **testing and bug tracking** processes, reducing **critical issues by 40%** and **boosting code quality**.

### Open Source Contributions

Contributions to open source projects. [View All](#)

- Sentry Node SDK (#17545)**: Fixed a race condition in the **local variables integration** for out-of-app frames by restructuring initialization to guarantee proper capture and **adding tests** to validate asynchronous behavior
- Twenty CRM (#14688)**: Implemented IMAP + SMTP client integration for sending messages, including logic to append to the "Sent" folder, to enrich the messaging module's capabilities
- Motia Backend (#737)**: Added **CLI command** for OpenAPI generation to standardize API schema generation

### Projects

FounderSignal, [Link](#)

Apr 2025 - Jul 2025

- Engineered a **full-stack SaaS platform** using **Next.js + Go + PostgreSQL** to help founders validate startup ideas.
- Designed **REST APIs and DB schemas** with query optimization to handle real-time analytics (views, signups, engagement).
- Integrated automated **Docker-based deployments** with CI/CD pipelines.

Scalere Design, Vala of Scalere Design (Client Project)

May 2024 - Sep 2024

- Designed and deployed **serverless APIs** using AWS Lambda + NeonDB with **99.9% uptime**.
- Developed the frontend in **Next.js + TailwindCSS**, optimized with **CloudFront CDN**, reducing load times by **75%**.
- Applied architectural best practices to ensure scalable and maintainable code for client requirements.

### EDUCATION

Sukkur IBA University, Sukkur, Pakistan, Bachelor in Electrical Engineering, Aug 2019 - Oct 2023