

Abdul Mueez

Middle Full Stack Engineer

SUMMARY

- Full-Stack Engineer with 3+ years of experience in scalable SaaS and AI-driven platforms, specializing in React, Next.js, Node.js, GraphQL, and asynchronous event-driven systems.
- Proficient in integrating OpenAI APIs, RAG pipelines, vector databases, and secure authentication (Auth0, OAuth) for enterprise-grade, multi-tenant architectures.
- Cross-platform apps serving 1,500+ users with optimized APIs, message queues, and AWS cloud infrastructure.
- Skilled in modular component design, performance optimization, CI/CD pipelines, and cloud using AWS, Docker, and Supabase.
- Bachelor's in Computer Science with achievements including ICPC Asia ranking and leadership roles in developer communities.

TECHNICAL SKILLS

Main Technical Skills	React (2 yr.), Ext JS (2 yr.), Node.js (3 yr.), GraphQL (1 yr.)
AI Tools & Assistants	CoPilot, Cursor
Programming Languages	JavaScript (3 yr.), Python, TypeScript (2 yr.)
AI & Machine Learning	CoPilot, Hugging Face (1 yr.), ollama (1 yr.), OpenAI (1 yr.), RAG (1 yr.)
Mobile Frameworks and Libraries	Crashlytics
JavaScript Frameworks	Express (3 yr.), Ext JS (2 yr.), Node.js (3 yr.), React (2 yr.)
JavaScript Libraries and Tools	i18next (1 yr.), Mongoose (2 yr.), React Context, React Native (1 yr.), React Router, Redux-Saga, Redux-toolkit (1 yr.), RTK-query (1 yr.)
.NET Platform	Identity Server (1 yr.)
Security	Auth0 (1 yr.)
Data Analysis and Visualization Technologies	Google Analytics (1 yr.), Google Spreadsheets (1 yr.)
Databases & Management Systems / ORM	MongoDB (2 yr.), MySQL, PostgreSQL, relational databases (1 yr.), Supabase (1 yr.)
UI Frameworks, Libraries, and Browsers	Bootstrap 4, Chakra UI, Material UI, shadcn/ui, Socket.io, Tailwind CSS
	AWS (2 yr.)

Cloud Platforms, Services & Computing	
Amazon Web Services	AWS EC2, AWS S3
Deployment, CI/CD & Administration	CD DevOps pipelines (1 yr.), CI/CD (1 yr.), GitLab CI
Collaboration, Task & Issue Tracking	Cron (1 yr.)
Third Party Tools / IDEs / SDK / Services	Cursor, Microsoft Visual Studio Code (3 yr.)
Virtualization, Containers and Orchestration	Docker (1 yr.)
Version Control	Git (3 yr.), Github Actions (3 yr.)
SDK / API and Integrations	GraphQL (1 yr.), JWT (2 yr.), OAuth (1 yr.), RESTful API (3 yr.), Stripe (1 yr.), Telegram API (1 yr.)
Mail / Network Protocols / Data transfer	JWT (2 yr.)
Message/Queue/Task Brokers	RabbitMQ (1 yr.)
Other Technical Skills	Claude Code, Fine-Tuning SonarQube (1 yr.), Framer-motion, Unreal Engine (1 yr.)

WORK EXPERIENCE

Software Engineer - BitByteClub (AI-driven MVPs and Modular Enterprise Admin Platform)

Duration: Sep '25 — Present

Summary:

- Delivered multiple AI-driven MVPs end-to-end using scalable Supabase infrastructure and AI model optimization
- Developed a modular enterprise admin platform with multi-tenant architecture and secure token handling to support scalable SaaS solutions

Responsibilities:

- Developed AI-powered web and mobile platforms integrating OpenAI, RAG pipelines, and vector databases.
- Implemented multi-tenant architecture including tenant lifecycle management and isolation strategies.
- Integrated MCPs, Auth0, and external service connectors to strengthen authentication and secure cross-service communication.

Technologies: Supabase (Edge Functions, queues, auth, storage), OpenAI, RAG pipelines, vector databases, Auth0, MCPs



Software Engineer (Contract) - Xische Digital (Modular React Components and OCR-based Validation System)

Duration: Apr '25 – Sep '25

Summary:

- Built modular, reusable React components and custom authentication hooks to improve UI consistency and developer experience
- Implemented OCR-based validation for user-submitted documents to optimize data extraction accuracy

Responsibilities:

- Developed accessible React components and custom authentication hooks with session persistence and role-based access control.
- Optimized data fetching using RTK Query caching and tag-based invalidation.
- Implemented multi-language support and cloud deployment pipelines using AWS and Docker.
- Implemented OCR-based validation to reduce manual intervention.

Technologies: React, RTK Query, i18next, AWS, Docker, OCR

Full Stack Developer - Turbodebt (Website Performance Improvement and Real-time Support Features)

Duration: Nov '23 – Dec '24

Summary:

- Enhanced website performance and user insights by implementing lazy loading, code splitting, and Google Analytics
- Integrated certificate-based authentication and built real-time support features using Telegram Bot API and RabbitMQ

Responsibilities:

- Improved website load times and traffic through performance optimizations.
- Integrated DigiCert certificate-based authentication for over 1,000 users.
- Developed automated reporting pipelines and real-time support features with message queues.

Technologies: JavaScript, Google Analytics, DigiCert, Google Sheets API, Telegram Bot API, RabbitMQ

SWE Fellow - HeadStarter (API Performance Optimization and Platform Infrastructure)

Duration: Jul '23 – Oct '23

Summary:

- Optimized API performance and built Next.js components with server-side rendering to improve user experience
- Contributed to platform infrastructure supporting rapid user growth and automated onboarding workflows



Responsibilities:

- Implemented advanced caching strategies and middleware tuning to improve API response times.
- Developed Next.js components with SSR and dynamic routing for better load times.
- Supported platform infrastructure for 1,500+ downloads and 500+ users in the first week.

Technologies: Next.js, API caching, SSR, dynamic routing

Frontend Developer - 11-Seas (UI Redesign and Accessibility Improvements)

Duration: Dec '22 — Jun '23

Summary: Redesigned and enhanced modular React components and implemented responsive layouts with WCAG accessibility improvements to ensure consistent user experience across devices.

Responsibilities:

- Redesigned over 20 React components to accelerate feature development.
- Implemented responsive and accessible UI layouts.
- Collaborated with cross-functional teams to deliver UI features faster and reduce bugs.

Technologies: React, WCAG, responsive design

Full Stack Engineer (ScoutzApp Web and Mobile Applications)**Summary:**

- Built scalable cross-platform web and mobile applications using Next.js and React Native with a shared Node.js/Express backend
- Integrated role-based access control and Stripe payment gateway to support secure transactions and efficient database performance

Responsibilities:

- Developed cross-platform applications for 500+ active users.
- Implemented role-based access control with MongoDB optimization.
- Integrated Stripe payment gateway for secure payment processing.
- Added cron jobs for automated maintenance tasks.

Technologies: Next.js, React Native, Node.js, Express, MongoDB, Stripe, Cron Jobs

EDUCATION

- **Bachelor in Computer Science**
University of Education Lahore, Pk
Nov '21 — Jun '25

