Abdur Rahman

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Skills

JavaScript/ TypeScript, Next.js, Nest.js, React Native, Angular, Node.js, Tailwind CSS, Express.js, MongoDB, SQL, AWS, CloudFlare, Claude.ai, DeepSeek R1 API, Shadcn/ui, Drizzle ORM, Stripe/Lemon Squeezy

Experience

G-Tech   4/2025 - present
Full Stack Software Engineer – Next.js, Nest.js, Shadcn/ui, Clerk, Stripe, Neom db, Drizzle, AWS, Zustand, Claude.ai

- Building a subscription modal **multi-tenant** POS application used by retail stores across the UK, focusing on performance, scalability, and clean architecture.
- Developed core modules such as sale order tracking, monthly subscription billing with Stripe, and advanced analytics dashboards for super admins.
- Implemented Next.js 15 server actions and **caching**, **to optimize load times** and **reduce server costs**.
- Design and implement responsive, efficient features, leveraging Next.js 15 caching mechanisms to enhance application speed and reliability.
- Led database optimization efforts using NeonDB and Drizzle ORM, improving query efficiency and **reducing latency** across tenant environments.
- Optimize codebases to eliminate **unnecessary re-rendering**, improving **rendering performance** and reducing **latency** in production environments.

Neximpact Technologies   8/2024 – 4/2025
Associate Software Developer – Next.js, MongoDB, Supabase, WhereBy API, Typescript , Stripe, TanStack Query, Claude.ai

- Contributed as a full-stack developer to a UK-based SaaS platform that connects students with verified UK teachers for online tutoring.
- Utilized TanStack Query for efficient client-side caching, data fetching, and synchronization, significantly improving perceived load times and reducing redundant API calls.
- Implemented video call functionality using the Whereby API for seamless virtual classroom experiences.
- Developed and enhanced core features, including secure lesson booking, scheduling, and real time messaging functionalities with supabase.
- Improved UI/UX across the platform based on figma design by the UI/UX team and using claude.ai for building, ensuring responsive design and accessibility compliance.
- Integrated Stripe for secure payments supporting both students and tutors.

- Enhance existing features to improve functionality, user experience, and performance, including code optimization and refactoring.

BayLanka Technologies   09/2023 – 8/2024
Intern + Associate Software Engineer – React, Ionic, Angular, Stripe, TypeScript, RESTfull API, AWS S3, Node.js, Express.js, JEST, Supertest, CI/CD with Github Actions

- Designed, developed, and improved various applications including Cambrian College Admin Panel, Woblu, Woblu Maintenance, Cogito Kids, and Winsport trainer app. Focused on feature development, API integration, and user experience enhancement.
- Led requirement gathering, API integration, and testing processes, ensuring alignment with client needs and project goals.
- Integrated third-party services such as Stripe for payments and AWS S3 for image storage, optimizing application functionality and security.
- Executed comprehensive testing strategies, including automated and manual tests, to ensure application performance and stability. Documented test cases and results to address issues proactively.
- Managed CI/CD pipelines using GitHub Actions for efficient development and deployment. Documented APIs with Swagger for transparency and accessibility.
- Worked closely with senior engineers, participated in meetings, and provided updates. Addressed blockers and collaborated with clients to prioritize enhancements and align development with project goals.

Education & Certifications

London Metropolitan University   8/2025 – Present
Bachelor of Engineering (Hons) in Software Engineering (TOP UP)
- **Courses**: Project Analysis, Advanced Software Engineering, Application Development, Artificial Intelligence

Pearson College, London   2/2023 – 7/2024
Pearson BTEC HND in Computing – Specialized in Software Engineering
- Program Overall Result: Merit
- **Courses**: Software Engineering with agile, Object Oriented Programming, Data Structures and Algorithms, Databases, technological innovation, and Security

Pearson College, London   06/2022 – 5/2023
Pearson Diploma in Computing – Specialized in Software Engineering
- Program Overall Result: Merit
- **Courses**: Software Engineering, Desktop Application Development using c#, Object Oriented Programming, Data Structures and Algorithms

Projects

SpeakMe (Mobile Application)
Tech stack- React Native, Expo, Node.js, TypeScript, Supabase, Express.js, Drizzle ORM, AWS S3, LiveKit, Zustand

- **Founded** and currently building a **subscription-based English practice app**, enabling users from different countries to practice via real-time voice calls.
- Integrated **LiveKit** as the core VoIP solution to enable low-latency, high-quality audio calling between users.
- Implemented real-time online status indicators using **Supabase's real-time features**, enhancing in-app presence and matching experiences.
- Integrated **Lemon Squeezy** for managing monthly subscription payments, streamlining billing and access control.
- Built a scalable backend with **Node.js and Express**, handling authentication, voice call sessions, and data synchronization.

Homeifye (Web App)
Tech stack- Next.js, AWS S3, DeepSeek R1 API, Lemon Squeezy

- Implemented property listing, search, and filtering features for a seamless user experience.
- Developed a **subscription-based** real estate platform with **Lemon Squeezy** for handling payment processing and access control.
- Implemented intelligent, natural language property search via chatbot-like functionality using the **DeepSeek R1 API**, enhancing user engagement and discovery.
- Built and optimized backend features using Next.js server actions and **caching strategies** to improve performance and **reduce server load.**

OneLine (Web App)
Tech Stack – Next.js, Node.js, Drizzle ORM, Supabase

- **As a freelance developer**, Led development of a **multi-vendor eCommerce platform**, focusing primarily on backend architecture and system scalability.
- Designed and optimized the database schema using Drizzle ORM to support vendor-specific operations and fast data retrieval.
- Built core backend features in Node.js with Express and TypeScript, including product management, multi-vendor support, and user roles.
- Implemented authentication via Supabase, and integrated secure workflows for user registration and vendor onboarding.
- Configured CI/CD pipelines with GitHub Actions to automate build, test, and deployment processes.

Kirulopana Masjid App (Mobile Application)
Tech stack – React Native, Next.js, Expo, AWS, Node.js, Ant design, Claude.ai

- **As a freelance developer**, built a full-featured Masjid Management System, including a mobile app and super admin dashboard, tailored for mosque administrators, trustees, scholars, donation and more.
- Designed and implemented admin dashboards with Claude.ai generated UI prototypes, accelerating development and ensuring a clean, intuitive user experience.

- Architected the backend using Node.js and Express.js, handling donation management, trustee/scholar administration, and content updates.
- Integrated **TanStack Query** in the admin dashboard for efficient caching and real-time data synchronization.

Technical skills and Achievement

- Proficient in solving Data Structures and Algorithms problems on platforms such as HackerRank and GeeksforGeeks, with a 3-star rating in JavaScript on HackerRank.
- Demonstrated strong analytical and algorithmic skills by solving over 25 problems on GeeksforGeeks, including SQL query challenges.

References

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