MUHAMAD AMIRUL ADHAM

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SUMMARY

Web Developer transitioning from an Assistant Manager role, with a solid foundation in AWS Cloud Architecture and the Software Development Life Cycle (SDLC). Experienced in building end to end systems, from server side scripting (Express.js, ASP.NET) and Git version control to front end design using Vue, React, Next.js and Angular. Awarded the Singapore national award with a history of optimizing business processes and managing multi site operations.

SKILLS

- **Programming Languages:** JavaScript, TypeScript, C#, SQL
- **Frameworks & Libraries:** React, Next.js, Angular, Vue, Node.js, Express.js, ASP.NET, Tailwind CSS, Bootstrap
- **Database & DevOps:** PostgreSQL, MySQL, SQL Server, SQLite, MongoDB, Git, Docker, SDLC, CI/CD
- **Cloud & Infrastructure:** AWS, Railway, Render, Firebase, Cloudflare, Neon
- **Tools:** GitHub, Postman, TablePlus, Figma, PowerBI, Tableau

EXPERIENCE

Assistant Manager   Dec 2021 - Dec 2023
MOS Foods Singapore Pte Ltd   *Singapore*

- **Process Optimization:** Implemented a cost optimization system for tracking sales, and customer data, achieving a 10% reduction in overall operational costs.
- **Awards & Recognition:** Recipient of the Singapore National Excellent Service Award (EXSA) and 2nd place in the Regional HDC Hospitality category.
- **Performance Excellence:** Earned personal 5 star Google Review recognition for delivering exceptional service and professionalism.
- **Operations Management:** Entrusted with overseeing and supporting service operations across 9 different branches, ensuring consistency in high pressure environments.
- **Stakeholder Relations:** Professionally collaborated with Japan headquarters' executives during official visits, managing cross cultural communications.

PROJECTS

Key2Key - Password Manager

- Engineered Key2Key, a secure, end-to-end encrypted credential management system using Angular and Firebase, safeguarding sensitive user data with client-side encryption.
- Integrated PBKDF2 based key derivation and AES-256 encryption for secure data protection.
- Applied unit testing and structured Git workflows to ensure maintainable, production style code quality.

Moresume - AI Powered Resume Builder

- Developed Moresume, an AI-powered full-stack SaaS platform with Next.js and TypeScript, automating resume creation and enhancing content generation efficiency.
- Implemented secure user authentication via Clerk and a subscription based model integrated with Stripe API.
- Architected relational data models with Prisma and PostgreSQL to support auto save, versioning, and user document management.

Mrullldhm - Personal Portfolio Website
- Developed a performance personal website using Next.js and TypeScript, focusing on SEO and Core Web Vitals.
- Designed responsive UI components with Framer Motion to enhance user engagement through smooth animations and transitions.
- Implemented server side form handling with Resend API and React Hook Form to manage contact submissions with validation.

Subscription Tracker API – Automated Workflows
- Designed a RESTful backend service using Node.js and Express to track recurring subscriptions and trigger automated email reminders.
- Implemented scheduled background jobs with Upstash and Nodemailer to handle time based notification workflows.
- Secured API endpoints with JWT authentication, bcrypt password hashing, and Arcjet based rate limiting for abuse prevention.
- Modeled relational data with MongoDB and Mongoose ODM to support user accounts and subscription lifecycle management.

Movie Search Favourites – Powered by TMDB
- Built a responsive client side web application using React and Vite to search and browse movie metadata.
- Integrated TMDB API for real time data, with Local Storage based favourites.
- Designed a mobile first UI and deployed the application to Vercel for production hosting.

EDUCATION

Bachelor of Science (Hons) Mathematics   Mar 2017 - Mar 2020
Universiti Teknologi MARA   *Seremban, Negeri Sembilan*

Diploma in Mathematics Science   Jun 2012 - Dec 2015
Universiti Teknologi MARA   *Machang, Kelantan*

CERTIFICATIONS

AWS Certified Solutions Architect – Associate   Expected Feb 2026
Amazon Web Services (AWS)

Full Stack Developer Specialist Track   Feb 2026
Agmo Academy

Full Stack Web Development   July 2025
Kelas Programming

Google Data Analytics Professional Certificate   Dec 2023
Coursera / Google

AWARDS

Excellent Service Award (EXSA)   Nov 2023
Singapore Retailers Association (National Award)

MyBrainSc Scholarship   Oct 2017
Ministry of Higher Education Malaysia (National Merit Scholarship)

Vice Chancellor's Award (Anugerah Naib Canselor)   Dec 2015
Universiti Teknologi MARA (UiTM)