Name: Muhammad Amerul Bin Alimi

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Summary

Application Systems Engineer with over 4 years of experience designing and developing production-ready web applications. Experienced in building full-stack systems including financial dashboards, CRM platforms integrated with MT4/MT5 APIs, and fully functional e-commerce infrastructures. Strong background in Next.js, TypeScript, PostgreSQL, and AWS cloud deployment. Skilled in translating business requirements into scalable application architectures with structured database design, API integration, and background processing workflows.
Self-directed and hands-on engineer with real-world production deployment and maintenance experience.

Experience

Web Developer
Byton Byte Marketing (2022 - 2023)
- Designed and deployed company marketing websites using WordPress.
- Hosted and managed deployments on AWS Lightsail.
- Supported business initiatives by improving digital presence.
- Maintained website performance, content updates, and technical troubleshooting.

Application Systems Engineer
Byton Byte Management (2023 - 2026)
- Designed and developed a financial dashboard using Next.js for internal financial operations and management.

- Built a fully functional e-commerce platform with user dashboard, admin panel, seller management, and payment integration.
- Developed a CRM system integrated with MT4 and MT5 APIs to support trading account management and operational workflows.
- Upgraded company website to a multipage Next.js application (v2.0), adding gallery, job listings, and dynamic content features.
- Integrated third-party APIs and external services to support business processes.
- Managed AWS infrastructure including EC2, Lightsail, ECS, ECR, Load Balancer, and VPC configurations.
- Handled deployment, production updates, and ongoing system maintenance.

Freelance
Ongoing
- Delivered custom WordPress websites based on client requirements.
- Configured hosting environments, domains, and email systems.
- Implemented additional functionality including business email setup and domain integration.
- Managed deployment and post-launch support.
- Build web app ecommerce for Wedding Card using NextJs and Posgresql which client can choose add to cart and proceed to checkout by selected Payment Gateway

Projects
- Single Page Website (Wordpress)
- Full Page Website for Static and Dynamics (NextJS and Wordpress)
- Ecommerce (NextJS , NodeJS,Posgresql)
- Propfirm (NextJS,NodeJS,Posgresql)
- Finance Dashboard for PSP (React, Third-party API)
- CRM with MT4 / MT5 Integration

LANGUAGES

Bahasa Melayu – Native
English – Intermediate

Education

- Diploma Marine Engineering (Dec 2013 – June 2017)

Skills & Others

Frontend Development

- HTML5, CSS3, JavaScript (ES6+)
- React.js
- Next.js (App Router)
- TypeScript
- Tailwind CSS

Backend & Database

- Node.js
- REST API developement
- PostgreSQL
- MySQL
- Prisma ORM
- Database schema design
- Authentication (NextAuth)
- NestJS

Infrastructure & DevOps

- AWS (EC2, Lightsail, ECS, ECR, Load Balancer, VPC)
- Docker
- Git & GitHub
- Server deployment & configuration
- Domain & hosting setup

Integration & Systems

- MT4 / MT5 API Integration

- PSP integration (payment gateways)
- Webhook handling
- Background job processing concepts