SAAD ASGAR MUHAMMAD

Full Stack Developer

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PROFESSIONAL SUMMARY

Backend-leaning Full Stack Developer with 5+ years of professional experience, all of it remote, building web and mobile products across fintech, automotive, retail and international platforms. Strongest in Nuxt.js, NestJS and SQL, and at home across the whole stack: APIs, databases and real-time systems, frontends and mobile apps, through to deployment. Owns technical solution design end-to-end, reviews code and mentors junior developers. Open to remote roles and relocation.

PROFESSIONAL EXPERIENCE

Full Stack Developer | Trinergy Digital, Malaysia (remote) *Jul 2024 – Present*

- **Built Perodua's used-car dealer auction platform with a team, and now run it end to end: 150+ used-car dealers, 160+ live auctions, 10+ tender auctions.** Real-time bidding on a NestJS WebSocket server (simultaneous bids, countdowns in sync, per-car anti-sniping, dealers who drop out caught up); bids and payments under locks and idempotency, so a sale is recorded once however many callbacks arrive (Vue 3, TypeScript, Laravel).
- **Own its releases across four environments** and work directly with the client on requirements; own the finance side: the accounting handed to the client's ERP automatically, refunds and e-invoicing.
- **Led and architected the mobile app of the Perodua Business System** (React Native), where sales staff appraise trade-ins step by step, with Amazon Textract OCR reading IC and chassis numbers; part of a multi-tenant dealer platform (Vue 3, Laravel, MSSQL).
- **Look after Mulaaa, a live fintech Earned Wage Access platform, and build its new features** (.NET, Vue 3, Angular/Ionic, MSSQL): **led its upgrade from .NET 6 to .NET 10**, built the attendance pipeline behind each employee's withdrawal limit, made every withdrawal pay out once however many times it is confirmed, and led a security overhaul with zero downtime.
- **Built the Perodua E-Owner's Manual's document engine from scratch, and its website single-handedly** (all 14 models; NestJS, Nuxt 3, MSSQL): a PDF-to-HTML pipeline (Ghostscript, pdf2htmlEX) that streams its progress live and files every page under its section automatically, searchable; 360° hotspots linked to the manual's pages.
- **Moved its four services to a new server in two days with zero data loss**, every pipeline green on its first rollout; **led the auction's move from Bitbucket/Jenkins to Azure DevOps CI/CD**; deploy with Docker on IIS.
- **Migrated WOSM Learning Zone from Drupal 8 to 10 single-handedly**, upgrading or replacing its contrib and custom modules; build new features and fixes for its multilingual site (English, French, Spanish, Arabic; Drupal, MySQL).
- **Migrated the MyTOWNKL shopping centre app to a new backend vendor** and built frontend features (Ionic, iOS and Android; Jul 2024 – Oct 2025).

Full Stack Developer | Periscope Labs, Dhaka (remote) *Sep 2022 – May 2024*

- **Cut report run times from 3 minutes to 5 seconds, and from 10 seconds to 300 ms,** by rewriting queries with composite indexes and fewer join hops on tables of up to millions of rows.
- **Wrote 200+ MySQL stored procedures and complex reporting queries for Quore**, including report scheduling and aggregation.
- **Led a team of 4 that delivered Phase 1 of a web-based Visual SQL Query Builder to beta.**

Web Developer (Contract) | CVC Websolutions (remote) *Jan 2022 – Aug 2022*

- **Architected the frontend of a client's learning management system from scratch** as its primary frontend developer (Nuxt.js, Vuex): courses with videos, sections and sub-sections, groups and admin features, built responsive from Figma designs.

Backend Developer | Guruklub, Dhaka (remote) *Jan 2021 – Dec 2021*

- **Built the APIs behind the GuruKlub Android app** (Laravel, CodeIgniter, Node.js), including a real-time quiz game over Socket.io, SSLCommerz payments and real-time notifications.

Full Stack Developer (Junior, freelance) | Linkway Software Solutions (remote) *Oct 2018 – Sep 2020*

- **Built Taama, a bus ticketing system,** and developed client applications including Mostnear (Express) in Laravel, Vue.js and Angular: APIs, payment gateway integrations and maintenance.

Freelance

- Developed Vet Care Plus (Android app), an NFT web app (React), a real-time chat system (React, Express, Socket.io, MongoDB) and Stripe subscriptions.

SKILLS

Core: Nuxt.js / Nuxt 3, NestJS, Vue.js, Node.js, SQL (MSSQL, MySQL)
Frontend & mobile: Vue.js, Nuxt.js, Angular, React, React Native, Ionic, TypeScript, JavaScript, SSR
Backend: NestJS, Node.js, Express, Laravel, .NET, CodeIgniter, Drupal, REST APIs, WebSockets (Socket.io)
Data: MSSQL, MySQL, MongoDB, stored procedures, query optimisation, reporting
Cloud & DevOps: AWS, Docker, CI/CD, Azure DevOps pipelines, IIS, Linux
Integrations: payment gateways, webhooks, third-party APIs, Amazon Textract
Familiar with: Kubernetes, Terraform, Prometheus, Grafana
Engineering: technical solution design, code review, mentoring, performance optimisation, Git
Certification: Mastering DevOps (Ostad)
Languages: English, Bangla, Hindi/Urdu