SAAD ASGAR MUHAMMAD

Full Stack Developer

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PROFESSIONAL SUMMARY

Full Stack Developer with 5+ years of professional experience building web and mobile applications across fintech, automotive, retail and enterprise platforms. Strong expertise in Nuxt.js, NestJS and SQL, with hands-on experience across Vue.js, Angular, React Native, Node.js, .NET and Laravel. Experienced in building scalable APIs, database-driven applications, real-time systems, payment integrations and cloud-based solutions, with a strong focus on technical ownership and problem solving.

PROFESSIONAL EXPERIENCE

Full Stack Developer — Trinergy Digital *July 2024 – Present*

- Develop full-stack solutions across fintech, automotive, retail and international platforms — spanning web, mobile, backend services, databases and third-party integrations — owning technical solution design end-to-end.
- Built Mulaaa, a fintech Earned Wage Access platform (Angular, Vue.js, .NET, MSSQL), integrating a payment gateway and attendance-system data to power earned-wage calculations, withdrawal workflows and employer-configured payroll cut-offs.
- Architected key components of the Perodua Business System, a multi-tenant automotive dealer platform (Vue.js, Laravel, MSSQL, React Native), including the mobile app for vehicle registration, price inquiries/appeals and Amazon Textract OCR integration.
- Developed the dealer portal and auction CMS of Perodua's used-car dealer auction platform, engineering real-time bidding via a dedicated NestJS WebSocket server for live bid updates across participating dealers, alongside third-party payment processing; now used by 150+ used-car dealers across 160+ live auctions.
- Built the Perodua E-Owner's Manual platform from scratch (Nuxt 3, NestJS, MSSQL) — customer-facing website, REST APIs and SSR for all 14 Perodua models — plus a custom PDF-to-HTML processing pipeline (Ghostscript, pdf2html) and interactive 360° hotspot features.
- Maintained and enhanced WOSM Learning Zone (Drupal, MySQL), leading a Drupal 8-to-10 migration, multilingual support (English, French, Spanish, Arabic) and contributing to an ongoing Pantheon-to-AWS migration.
- Conduct code reviews, mentor junior developers and collaborate with managers, designers and stakeholders on solution design.

Full Stack Developer — Periscope Labs Ltd. *September 2022 – May 2024*

- Developed backend services and MySQL database solutions for Quore, creating 200+ stored procedures and complex reporting queries while optimising performance across large datasets (e.g. reports cut from 3 minutes to 5 seconds, and from 10 seconds to 300 ms).
- Led a development team in delivering Phase 1 of a web-based Visual SQL Query Builder, expanding product capabilities and supporting new business opportunities.

Web Developer (Contractual) — CVC Websolutions *January 2022 – August 2022*

- Served as primary frontend developer for the Hillphoenix LMS, building the frontend architecture from scratch using Nuxt.js and Vuex, and developing LMS, course, group and administration features.
- Developed responsive interfaces from Figma designs and collaborated with backend engineers on API integration, debugging and feature development.

Backend Developer — GuruKlub *January 2021 – December 2021*

- Developed Laravel, CodeIgniter and Node.js APIs for the GuruKlub Android application, integrating SSLCommerz payments, real-time Socket.io functionality and application features.

Junior Full Stack Developer — Linkway Software Solutions *October 2018 – September 2020*

- Developed and maintained client applications using Laravel, Vue.js and Angular, including APIs, payment gateway integrations, bug fixes and projects such as Taama, Vet Care Plus and Mostnear.

TECHNICAL SKILLS

Core Technologies: Nuxt.js, Nuxt 3, NestJS, Vue.js, SQL, MSSQL, MySQL, Node.js
Frontend & Mobile: Vue.js, Nuxt.js, Angular, React.js, React Native, JavaScript, Bootstrap, CSS, SSR
Backend: NestJS, Node.js, Express.js, Laravel, .NET, CodeIgniter, REST APIs, WebSockets
Database: MSSQL, MySQL, MongoDB, Stored Procedures, SQL Query Optimisation
Cloud & DevOps: AWS, Docker, Kubernetes, Linux, Terraform, Prometheus, Grafana, CI/CD
Integrations: Payment Gateways, Webhooks, Third-Party APIs, Amazon Textract
Engineering: System Architecture, Technical Solution Design, Code Review, Mentoring, Performance Optimisation, Agile/Scrum, Git, GitLab, GitHub

LANGUAGES

English | Bangla | Hindi/Urdu