Ahmad Salehuddin Azzizi, Frontend Developer

Kuala Lumpur, Malaysia | +6018-256 8322 | ahmadsalehuddinazzizi@gmail.com | linkedin.com/in/ahmadsalehuddin | github.com/ahmadsalehuddin

PROFESSIONAL SUMMARY

Detail-oriented Frontend Developer with 3+ years of experience designing in Figma and building responsive enterprise and consumer web applications using React, TypeScript, and Angular. Experienced across the full software development lifecycle (SDLC) — from authoring technical specifications (URS, SRS, SDS) and UI/UX prototypes to integrating frontend interfaces with Java Spring Boot, NestJS, and Python FastAPI backend services. Vice Chancellor's Award (ANC) B.IT (Hons.) graduate (CGPA 3.79 / 4.00) who combines strong UI/UX fundamentals with modern AI-assisted development workflows to deliver clean, user-centered products.

TECHNICAL SKILLS

- **Frontend & UI Development:** React (18/19), TypeScript, JavaScript (ES6+), Angular, Next.js, Vite, HTML5, CSS3, Tailwind CSS (v4), Shadcn UI, Ant Design, Bootstrap 5, Chart.js
- **UI/UX & Design Tools:** Figma (Design Tokens/Variables, Prototyping), Adobe XD, Justinmind, Visual Paradigm (ERD/UML), Bilingual Localization (BM & EN), Responsive & Accessible Design
- **Backend & API Integration:** Java (Spring Boot, Wicket, JSP/Servlets), NestJS (Node.js / TypeScript), Python (FastAPI), PHP, REST APIs, SAML2 Single Sign-On (SSO)
- **Databases & Data Analysis:** PostgreSQL (PostGIS), IBM Informix, SQLite, MySQL, Redis, Liquibase, Python (Pandas, GeoPandas, Uber H3, Matplotlib, Seaborn), Jupyter Notebook, Tableau
- **Workflows & Platforms:** Git (GitLab, GitHub, Bitbucket), Docker, Linux (Ubuntu Server), Cloudflare Zero Trust, Jira, Kanban, Agile/Scrum, AI-Assisted Engineering (Claude Code)

WORK EXPERIENCE

Solution Consultant, DataMicron Systems | June 2023 – Present *(Kuala Lumpur)*

- Contributed as a frontend and full-stack developer on a key government corporate data-commerce portal (SSM CBID), participating across the SDLC from requirements gathering and UI prototyping to deployment.
- Authored technical specifications (URS, SRS, SDS), modeled database ERDs using Visual Paradigm, and designed application workflows and UI/UX prototypes in Figma and Justinmind.
- Developed and maintained the React 18 / TypeScript frontend integrated with Java Spring Boot, Apache Wicket, and NestJS backend services, and led client-facing sprint reviews and feature demos.
- Integrated proprietary third-party SAML2 Single Sign-On (SSO) and RMS payment verification into the main portal, and collaborated on feature fixes across criteria search, cart pricing, and report exports.
- Supported the data science and R&D teams by building a ReactJS proof-of-concept frontend for decentralized Web3 storage and automating Python pipelines (NLP translation, image uploading, GIS/Link Analysis).

Software Engineer, NextLabs | Feb 2023 – Jun 2023 *(Kuala Lumpur)*

- Maintained and enhanced the Angular-based frontend of SkyDRM, an enterprise document rights management (DRM) platform.
- Resolved production-level frontend bugs, developed reusable UI components, and implemented feature enhancements based on Jira tickets within an Agile/Kanban workflow.
- Researched and evaluated Test-Driven Development (TDD) best practices to inform the engineering team's adoption roadmap.

Industrial Trainee, DataMicron Systems | Sep 2022 – Dec 2022 *(Kuala Lumpur)*

- Developed a banking cross-selling analytics dashboard proof-of-concept (PoC) from scratch using Bootstrap 5 and Chart.js for the EagleEye insight engine.
- Maintained and enhanced a ReactJS luxury watch platform (Luxehouze) that parsed real-time market listings from WhatsApp, shipping 15-second live-data refresh and filtering features.
- Cleaned, deduplicated, and standardized a 60,575-entry Malaysian real estate dataset using Python (Pandas) and Jupyter Notebook.

Web Developer Intern, Pejabat Pendidikan Daerah (PPD) Muar | Jul 2018 – Sep 2018 *(Muar, Johor)*

- Designed and built the web-based Staff Attendance and Payroll Automated System using PHP, MySQL, HTML/CSS, and JavaScript to replace manual attendance recording.

SELECTED PROJECTS

SSM Corporate Data Portal (CBID HT6 & Report Service) | *Figma, React 18, TypeScript, Spring Boot 3.3, NestJS, Informix*

- Built bilingual (EN/BM) criteria-search and checkout workflows across ROC, ROB, and LLP registry records, including dynamic old/new company number parsing, custom multi-operator Financial Year End selection (FyeSelectInput), search-state rehydration, and session/cookie crash guards.

- Collaborated on backend pricing and reporting logic — including per-row financial product counting (count_key Liquibase migration), correlated FYE subqueries, chronological STR_TO_DATE DataLake filtering, and multi-sheet Excel/CSV package exports — on a platform load-tested to 1,000 concurrent virtual users (51.4 ms p95).

Baitul Hikmah — Self-Hosted Lecture Library & Streaming Platform (2026) | *Figma, React 19, Vite, Tailwind CSS, Shadcn UI, FastAPI, SQLite, Docker*

- Designed a senior-friendly Bahasa Melayu UI in Figma (exported design tokens, 4 text-size presets, 1-tap speaker filters, and a Sambung Tonton resume shelf) so a senior user can browse and play 220+ archived lectures without typing or passwords.
- Deployed the full-stack app on an Ubuntu home server with background yt-dlp/FFmpeg ingestion, HTTP 206 byte-range video scrubbing, background audio with lock-screen controls, and Cloudflare Access authentication.

AJ Centre (ajcentre.com) — Bilingual Automotive Service Landing Page (2026) | *React 19, Vite 8, Tailwind CSS v4, Shadcn UI*

- Designed and built a mobile-first, bilingual (BM/EN) business page for a two-branch Selangor automotive workshop (4.6★ across 249+ Google reviews), featuring instant locale switching, a 5-card bento service grid, and direct branch WhatsApp and Google Maps routing.

Venture Point — Geospatial Business Location Intelligence Platform (2026, R&D) | *Python, PostGIS (h3-pg), Uber H3, StarRocks, Next.js, Mapbox GL*

- Planned and architected a Klang Valley site-selection GIS combining SSM registry data and open datasets into Uber H3 (res 8) hexagonal grids scored via Multi-Criteria Decision Analysis (MCDA); set up the PostGIS + H3 container and Python Malaysian street-address normalisation/audit scripts.

Arithmio: Mobile Math Learning Game — Final Year Project (2022) | *Construct 2, Android Studio, Java, GAMED / SCAMPER / QADIM*

- Designed storyboards, pixel-art Malaysian school canteen scenes, and drag-and-drop arithmetic mechanics in Bahasa Melayu; published on the Google Play Store (Lifedelights Mobile) and achieved an 80.3 System Usability Scale (SUS) score.

MyDeen & Ceramah Tracer — Muslim Companion Android App & HCI Prototype (2021 – 2022) | *Adobe XD, Android Studio, Java, Firebase, SQLite, Google Maps API*

- Prototyped the mobile UX in Adobe XD (HCSDLC) and conducted a 16-user cognitive walkthrough to resolve usability issues before developing the native Android app with a GPS mosque finder, audio recorder, and SQLite/Firebase sync.

OTHER WEB, DATA & DESIGN PROJECTS

- **Full-Stack Web Apps:** Built Blood Bank Management System (Java EE, JSP, Servlets, DAO pattern, SQL with inventory analytics charts), MaidZone (PHP/MySQL home-cleaning booking platform), Soup (PHP/MySQL F&B ordering system), and Java EE Inventory & DVDLibrary MVC apps.
- **E-Commerce, Prototyping & IA:** Built a complete Shopify storefront for a 'Sambal Penyet' brand, the WebImpact responsive landing page (Bootstrap/jQuery), RapIT Manager & OrdoIT scaffolds (React/Next.js), and The PublicBookshelf information architecture prototype.
- **Data Analysis & Visualization:** Analyzed 53,000 Kuala Lumpur property listings (Python, Pandas, Tableau), 50,000 eBay car sales records (Python, Matplotlib, Tableau), Skytrax airline review sentiment (NLP/WordCloud), and Premier League 2018 match statistics.
- **Automation & Desktop Tools:** Created web3-browser (TypeScript/React), eagleeye-nlp-translator (Jupyter/Python), imgbb-eagleeye-image (Python), file-organizer-dotnet (C# .NET), and blazor-folder-organizer (Blazor).

EDUCATION

Bachelor of Information Technology (Hons.) — Software Development | Universiti Teknologi MARA (UiTM) Shah Alam *(Dec 2022 | CGPA: 3.79 / 4.00 — Vice Chancellor's Award / ANC, Dean's List)*

Diploma in Computer Science — Web Programming | Universiti Teknologi MARA (UiTM) Segamat, Johor *(Dec 2018 | CGPA: 3.44 / 4.00 — Dean's List)*

LANGUAGES

- **Malay:** Native / Fluent | English: Professional Proficiency