

Contact

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Education

2017 – 2021

Bachelor of Information Technology (Hons)

Universiti Kebangsaan Malaysia

2014 – 2016

Diploma in Science

Universiti Teknologi Mara

Skills

Programming Language: JavaScript (ES6+), TypeScript, Python, PHP

Front-End Development: React, Next.js, Vite, React Hook Form, Zod, Redux, Material UI, Tailwind CSS, ShadCn, CSS3, SCSS, HTML5, Responsive Design, a11y

Design & Prototyping: Figma, Adobe Photoshop, Adobe XD, Adobe Illustrator, JusInMind

Development Practices: Agile/Scrum, Code Review, Unit & Integration Testing, Performance Optimisation, Cross-browser Testing

Back-End Development: Node.js, Elysia, Bun, Prisma, REST API, Flask, CodeIgniter

Databases & Caching: PostgreSQL, MongoDB, Redis

Deployment & DevOps: CI/CD, Docker, CircleCI, Dokploy, Cloudflare, Hetzner

Version Control: Git, Github, Bitbucket

Tools & IDEs: VS Code, Postman, Sublime Text, Eclipse, Putty

CMS: Wordpress, Wix

OS: MacOS, Windows, Linux

Nur Shafin Athirah

Front-End Engineer

Frontend Engineer with 4 years of experience building responsive, scalable, and user-focused web applications using React, TypeScript, and modern UI frameworks. I combine solid engineering fundamentals with a keen eye for design to craft interfaces that are intuitive, accessible, and visually consistent. Experienced collaborating across UX designers, product owners, and engineering teams in globally distributed Agile environments to deliver seamless, high-performing user experiences.

Professional Experience

Front-End Developer

Oct 2022 – Nov 2025

Luxoft Malaysia

Client: Singaporean Multinational Bank
Development Team | Retail Banking

- Developed responsive, accessible **React** interfaces from **Figma** designs using **Javascript** and **Material UI** — adhering to UX best practices and ensuring cross-browser performance
- Delivered a new child banking onboarding flow with modular forms, eligibility logic, and stepper navigation to enhance user experience
- Integrated **REST APIs** via **Axios** to manage data flows between frontend and backend services
- Mentored 2 junior developers, conducting code reviews and designing reusable UI components
- Implemented unit tests using **Jest** and **React Testing Library**, maintaining **80-90%** coverage
- Collaborated with designers, product owners, backend, and QA teams throughout the development lifecycle to ensure seamless handoffs and smooth SIT/UAT delivery

Quarter Release Team (Forms) | Retail & Business Banking

- Delivered onboarding enhancements across multiple projects using **JavaScript**, **TypeScript**, and **Material UI**.
- Led a change request as Developer Champion to remove a transaction signing step — managed full delivery through SIT, UAT, and production
- Designed and built a lightweight artwork dashboard to showcase entries in real time, improving UX visibility for internal reviewers
- Refactored legacy code to improve performance and maintainability while modernising older UI patterns to align with newer **React** and **Material UI** versions.
- Ensured on-time delivery in a fast-paced Agile/Scrum environment using **Jira**, **Confluence**, **BitBucket**, **SonarQube**, and **CI/CD pipelines**

Projects

Nostro Board

Live: <https://nostroboard.com/>

- Built a full-stack responsive web app for retrospectives and brainstorming, supporting real-time collaboration, interactive feedback boards, and session/workspace management
- Designed and developed the entire **UI/UX**, creating a clean, mobile-responsive interface and consistent design system
- Implemented the frontend with **React**, **TypeScript**, **Vite**, **Material UI**, **Zod**, **TanStack Query**, and **React Hook Form** for scalable, type-safe components and forms
- Developed a monolithic backend using **Elysia**, **Prisma**, **PostgreSQL**, and **Redis** to support real-time messaging and persistent data
- Integrated **Google OAuth** via **BetterAuth** and managed secrets with **Infisical** for secure, scalable authentication and deployment
- Set up automated code analysis with **SonarQube**, enforcing code quality and static analysis checks across the codebase
- Deployed via **Docker**, **CircleCI**, **Dokploy**, and **Hetzner**, with **Cloudflare** handling DNS and asset optimisation
- Conducted **alpha and beta testing** with users, gathering feedback through structured Google Forms to refine the overall user experience
- Performed regular **Lighthouse audits** to monitor accessibility, performance, and best practices compliance
- Followed **clean architecture principles** and **modular frontend architecture design** for long-term maintainability, scalability, and state management efficiency

Languages

English - Full professional proficiency
Bahasa Malaysia (Malay) - Native proficiency

L3 Support | Business Banking

- Supported the production environment alongside Singapore team across all markets for business banking apps: investigating critical incidents, replicating bugs, and providing front-end code fixes
- Performed Root Cause Analysis (RCA) for production defects and documented issues for team knowledge base
- Worked closely with backend, iOS and Android teams to escalate and resolve cross-platform issues after completing front-end triage and RCA

Software Developer

Sept 2021 – Sept 2022

Mesiniaga Berhad

NetSysCare 3.0 – Web-based Network Monitoring System

- Designed and developed the frontend interfaces using **React JS**, **Material UI**, and **React Hook Form**, creating a responsive and interactive dashboard for network monitoring
- Led the UI design and standardisation of system components to ensure visual and interaction consistency across all modules.
- Developed and integrated key features with backend **APIs**, including:
 - Authentication (Login, Forgot, and Change Passwords)
 - User Management with role-based access and form validation
 - Service & Device Discoveries for monitoring setup
 - SMTP, reports, and probe server configuration
 - Collapsible sidebar and standardised base layout
- Created a reusable component framework and suite of UI elements (modals, alerts, pickers, steppers, tables, filters) to improve scalability and development efficiency.
- Integrated **RESTful APIs** using **Axios** to manage real-time data, and built custom **Flask APIs** with **MongoDB** to support backend-limited areas
- Collaborated with a cross-functional team to gather requirements, iterate on prototypes, and deliver key features on schedule
- Assisted in deployment and server setup on internal infrastructure, and resolved post-release issues to maintain system stability

Web Developer Intern

Sept 2020 – Feb 2021

Telekom Malaysia R&D

FORCE - Workforce Management System (WMS)

- Designed and created **UI/UX** mockups in **Adobe XD**, and developed a secondary microsite for the WMS platform using **WordPress**.
- Translated design concepts into functional layouts, ensuring a consistent and user-friendly interface across pages.
- Authored user manuals, FAQs, and troubleshooting guides using **HelpNDoc** for internal and client users.
- Observed client meetings to gain exposure to requirement gathering, project discussions, and alignment processes.
- Contributed to product knowledge transfer by writing help guides for both internal and external users