

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Python, SQL
Frameworks: React, Next.js, Remix, Vue.js, Node.js
Styling: CSS3, Tailwind CSS, styled-components, Responsive Design
Testing: Jest, React Testing Library, Selenium
Tools: Git, Docker, GitHub Actions, Figma
APIs: REST, GraphQL
Other: SEO Optimization, CI/CD, Agile/Scrum

EXPERIENCE

- Frontend Developer

CommerceOwl

Oct. 2022 – Feb. 2024

Edmonton, CA (remote)

 - 32% conversion lift for Shopify app via UI/UX enhancements, A/B tests, % performance gains
 - Architected React & Remix & Next.js apps with 95% + test coverage using Jest and RTL
 - Reduced page load by 40% through code splitting, image optimization, and Tailwind CSS refactoring
 - Integrated REST APIs with batched data fetching, cutting client requests by 45%
 - Designed ImagineAPI in Next.js from Figma to prod, serving 200+ MAU subscribers
- Software Engineer Intern – QA Automation

Grab

July 2024 – Dec. 2024

Petaling Jaya, MY

 - Boosted test coverage by 15% with 22 Python & Selenium scripts for identity workflows
 - Accelerated test development by 60% via AI-powered automation agent for auth flows
 - Ensured stability for 200M+ users by running weekly regression suites across iOS and Android
- Software Engineer Intern

UM PTM

July 2023 – Oct. 2023

Kuala Lumpur, MY

 - Streamlined procurement for 500+ staff by building PHP MVC web app with MySQL
 - Enforced data integrity via MySQL triggers and server-side validations
 - Collaborated in Agile sprints with 5 departments to deliver modular, maintainable code

PROJECTS

- TeaPOS – Multi-Tenant POS | <https://github.com/ahmadfahrezi81/tea-pos>

Next.js 14, TypeScript, Supabase, PostgreSQL, Tailwind, Chart.js

 - Built multi-tenant SaaS POS with row-level security for isolated data per organization
 - Engineered Supabase schema of 12+ tables with RLS policies for bulletproof data isolation
 - Developed responsive dashboard using React Server Components and Chart.js for real-time analytics
 - Implemented RBAC with Supabase Auth and custom middleware, reducing unauthorized access to zero
- Tost – Restaurant Management System | <https://github.com/ahmadfahrezi81/Tost>

Next.js, TypeScript, Tailwind, PostgreSQL, Prisma

 - Led Agile team of 5 to deploy full-stack restaurant platform handling menus, orders, reservations
 - Built authentication using OAuth2 & JWT with role-based access for staff and managers
 - Implemented type-safe Prisma layer with Zod validation, ensuring 100% data integrity
 - Designed modular Next.js architecture for independent scaling of core business modules

EDUCATION

- University of Malaya

Bachelor of Computer Science, Software Engineering

Kuala Lumpur, MY

Oct. 2021 – Oct. 2025

 - Relevant Coursework:** Data Structures and Algorithms, Database Systems, OOP Design, Mobile Development, ML, Web Development, Software Engineering Principles