

## TECHNICAL SKILLS

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- 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

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<b>Frontend Developer</b> <i>CommerceOwl</i>	Oct. 2022 – Feb. 2024 <i>Edmonton, CA (remote)</i>
• 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	
<b>Software Engineer Intern – QA Automation</b> <i>Grab</i>	July 2024 – Dec. 2024 <i>Petaling Jaya, MY</i>
• 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	
<b>Software Engineer Intern</b> <i>UM PTM</i>	July 2023 – Oct. 2023 <i>Kuala Lumpur, MY</i>
• 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

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<b>TeaPOS – Multi-Tenant POS</b>   <a href="https://github.com/ahmadfahrezi81/tea-pos">https://github.com/ahmadfahrezi81/tea-pos</a> <i>Next.js 14, TypeScript, Supabase, PostgreSQL, Tailwind, Chart.js</i>	
• 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	
<b>Tost – Restaurant Management System</b>   <a href="https://github.com/ahmadfahrezi81/Tost">https://github.com/ahmadfahrezi81/Tost</a> <i>Next.js, TypeScript, Tailwind, PostgreSQL, Prisma</i>	
• 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

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<b>University of Malaya</b> <i>Bachelor of Computer Science, Software Engineering</i>	Kuala Lumpur, MY <i>Oct. 2021 – Oct. 2025</i>
• <b>Relevant Coursework:</b> Data Structures and Algorithms, Database Systems, OOP Design, Mobile Development, ML, Web Development, Software Engineering Principles	