

# Austin Nathaniel Soriano Miranda

LinkedIn | Portfolio | Email: donovan.austin.ad@gmail.com | Singapore

Results-driven full-stack developer passionate about converting complex ideas into functional, user-friendly applications. Proficient in front-end development, test-driven development (TDD), end-to-end testing (E2E), CI/CD pipeline management, problem-solving, troubleshooting and continuous learning.

## TECHNICAL SKILLS

Category	Proficient
Front-end	React, React Native, HTML, CSS, JavaScript, TypeScript, Tailwind CSS, Bootstrap, Material UI, Vite
Back-end	Node.js, Express, MongoDB, RESTful API, Axios, JSON Web Tokens (JWT)
Languages	Python, JavaScript
Testing	Cypress (E2E, TDD)
CI/CD	Netlify, Render, Github
Version Control	Git, Github
Design Tools	Figma, Adobe Illustrator, Adobe XD, Canva, Spline (Familiar)
Additional Tools	OpenAI ChatGPT, Xcode Simulator, npm, Postman (Familiar), Docker (Familiar)

## WORK EXPERIENCE

### Full Stack Web Developer (Freelance) December 2023 - February 2024, Singapore

- Led the development of **Kimchinc**, a React-based SPA for medical delivery management, enhancing client operational efficiency by 30% through streamlined workflows and custom interfaces for different user modes.

### Design & Technology Technician (Dulwich College Singapore) August 2019 - June 2024, Singapore

- Managed curriculum preparation, risk assessments and equipment readiness for 200+ students, enhancing educational effectiveness and safety standards; provided CAD/CAM guidance and IT classroom support.

## EDUCATION

### University of Wollongong Singapore

#### Bachelor of Computer Science, Major in Digital Systems & Security (Part-time) June 2021 - February 2024

- Final Year Project: Cross-platform full-stack water management system (Distinction).

### Ngee Ann Polytechnic Singapore

#### Diploma in Product Design & Innovation 2014 - 2017

## PROJECTS

### VisualAlgoFlow (Algorithm Visualization Platform) September 2024 - Present, Solo Project

- Developed an interactive platform visualizing algorithms like Binary Search and Two Pointers using React and TypeScript, enhancing intuitive understanding through real-time animations.

### TarokoTodo (Dynamic Todo App with Score Tracking) September 2024, Solo Project

- Created a dynamic React-based todo app with score tracking and localStorage support, improving user productivity with responsive design for mobile and web platforms.

### Budget Master (Comprehensive Finance Management App) July 2024 - Present, Solo Project

- Built a comprehensive finance management app with React, Node.js, and MongoDB, featuring transaction tracking and JWT-secured authentication, ensuring reliability through TDD and CI/CD pipelines.

### Pop's Picks (Movie Tracking & Exploration App) April 2024 - Present, Solo Project

- Developed a React Native iOS app integrated with TMDB API for exploring and tracking movies, including detailed views and a one-click download request feature for convenience.

### You Are Broke! (Expense Tracker and Management App) March 2024 - April 2024, Solo Project

- Created a cross-platform expense tracker with secure account registration and hashed data storage, utilizing JWT security and ensuring reliability through Cypress E2E testing.

### Kimchinc (Hospital Delivery Coordination System) December 2023 - February 2024, Solo Project

- Developed a React-based delivery coordination system with admin and driver interfaces, implementing real-time job monitoring to enhance workflows and reduce paperwork.