

# Austin Nathaniel Soriano Miranda

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

Passionate full-stack developer with a proven track record of turning complex ideas into functional, user-friendly applications. Proficient in front-end development, test-driven development (TDD), end-to-end testing (E2E), and CI/CD pipeline management. Highly skilled in problem-solving and troubleshooting, with a strong commitment to continuous learning and improvement.

## TECHNICAL SKILLS

Category	Proficient
Front-end	React, JavaScript, TypeScript, HTML, CSS, Tailwind CSS, Bootstrap, Material UI, Next.js
Back-end	Node.js, Express, MongoDB, SQL, RESTful API, Axios, JSON Web Tokens (JWT)
Languages	Python, Javascript
Testing	Cypress (E2E, TDD)
CI/CD & Version Control	Netlify, Render, Github, Git
Design Tools	Figma, Adobe Illustrator, Adobe XD
Additional Tools	OpenAI ChatGPT, XCode Simulator, Chrome Developer Tools, NPM, ESLint, Prettier

## WORK EXPERIENCE

### Full Stack Web Developer (Freelance)

December 2023 - February 2024, Singapore

- Led the development of **Kimchinc**, a React-based SPA for medical supplies delivery management. Credited by the client for boosting operational efficiency by approximately 30% through streamlined workflows and customized user interfaces.

### Design & Technology Technician (Dulwich College Singapore)

August 2019 - June 2024, Singapore

- Managed curriculum preparation, conducted risk assessments, and ensured equipment readiness for over 200 students, enhancing educational effectiveness and safety standards.

## EDUCATION

### University of Wollongong

Singapore

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

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

## SOLO PROJECTS

### VisualAlgoFlow (Algorithm Visualization Platform)

September 2024 - Present

- Developed an interactive platform for visualizing key algorithms like Binary Search and Two Pointers, using React, TypeScript and Tailwind CSS, enhancing intuitive understanding through dynamic animations.

### TarokoTodo (Dynamic Todo App with Score Tracking)

September 2024

- Engineered a dynamic todo app with React, TypeScript, and Next.js, enhancing user productivity with persistent localStorage and a responsive design using Tailwind CSS.

### Budget Master (Comprehensive Finance Management App)

July 2024 - Present

- Architected a full-featured personal finance web app using the MERN stack (MongoDB, Express, React, Node.js). Features include dynamic transaction logging, budget allocation, wallet management and account registration. Implemented JWT for enhanced authentication and Cypress for end-to-end testing to ensure site reliability.

### Pop's Picks (Movie Tracking & Exploration App)

April 2024 - Present

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

### You Are Broke! (Expense Tracker Management App)

March 2024 - April 2024

- Created a responsive expense tracker using the MERN stack, 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

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