# 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 | Familiar |
| --- | --- | --- |
| **Front-end** | React, HTML, CSS, Javascript, Typescript, Tailwind CSS, Bootstrap, Material UI, Vite, Next.js | React Native, Expo |
| **Back-end** | Node.js, Express, MongoDB, RESTful API, Axios, JSON Web Tokens (JWT) | MySQL |
| **Languages** | Python, Javascript | C++, Java |
| **Testing** | Cypress (E2E, TDD) | |
| **CI/CD** | Netlify, Render, Github | |
| **Version Control** | Git, Github | |
| **Design Tools** | Figma, Adobe Illustrator, Adobe XD | Canva, Spline |
| **Additional Tools** | OpenAI ChatGPT, XCode Simulator, NPM | Postman, Docker |

## 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, TypeScript and Tailwind CSS, 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, budget allocation, 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 manual paperwork.