

# Austin Nathaniel Soriano Miranda

Web Developer | Computer Science Graduate | Singapore

LinkedIn | Portfolio | Email: donovan.austin.ad@gmail.com | Phone: +65-9232-2754

**R**esults-driven developer proficient in transforming complex designs into functional web applications. A proactive builder at heart, my practical experience in Full-Stack Web Development enables me to deliver cohesive, high-quality user experiences that meet business goals.

## Technical Skills

Category	Proficient	Familiar
Frontend	React, HTML, CSS, Javascript, Tailwind CSS, Bootstrap, Vite	React Native, Expo
Backend	Node.js, Express, MongoDB	MySQL
Languages	Python, Javascript	C++, Java
End-to-End Testing	Cypress, Manual Testing	
CI/CD	Netlify, Render, Github	
Version Control	Git, Github	
Design Tools & Prototyping	Figma, Adobe Illustrator, Adobe XD	Canva, Spline
Additional Tools	OpenAI ChatGPT, XCode Simulator, npm	Postman, Docker

## Work Experience

Full Stack Web Developer	Singapore
Freelance	December 2023 - February 2024
<ul style="list-style-type: none"><li>Developed and launched a web application for medical delivery coordination, increasing efficiency by 30%.</li><li>Utilized React, Node.js, Express, and MongoDB for development.</li><li>Collaborated with clients to gather requirements, define specifications, and develop user stories.</li><li>Enhanced UI and work flow design through 20+ feedback iterations, ensuring ease of use.</li><li>Successfully delivered project on time despite tight deadlines.</li></ul>	
Design & Technology Technician	Singapore
Dulwich College Singapore	August 2019 - June 2024
<ul style="list-style-type: none"><li>Prepared curriculum materials and ensured readiness of equipment and classrooms for over 200+ students, enhancing educational effectiveness.</li><li>Led risk assessments and enhanced safety protocols for both existing and new machinery and workflows.</li><li>Collaborated with teachers and students, providing expert CAD/CAM guidance, boosting project quality and student performance.</li><li>Streamlined resource procurement, reducing item receipt times.</li><li>Managed IT tasks such as software installation and troubleshooting, maintaining continuous departmental operation.</li></ul>	

## Education

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### University of Wollongong

Singapore

**Bachelor of Computer Science, Major in Digital Systems & Security**      **June 2021 - February 2024**

- **Final Year Project:** Developed a cross-platform full stack water management system using PHP, HTML, CSS, JavaScript, Bootstrap, and MySQL, achieving a distinction.
- **Distinctions:** Multicore and GPU Programming, Fundamental Programming with Python, Final Year Project, Database Performance Tuning, Software Development Methodologies, Intro to Web Technology, Algorithms and Data Structures, Database Systems, Programming Fundamentals, IT

### Ngee Ann Polytechnic

Singapore

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

- Developed a strong product design portfolio, received a silver certificate in co-curricular activities, and won the Merit Award in the Motorola Solutions Final-Year Project Awards.
- Served as Media President of the Canoeing Club and contributed to a disability school in Vietnam through a Youth Expedition Project.

## Projects

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### Kimchinc

Freelance, Solo Project

**Hospital Delivery Coordination System**      **December 2023 - February 2024**

- Developed and launched a cross-platform, single-page (SPA), multi-role web application to improve delivery management for a client distributing medical supplies to hospitals.
- Designed a user-centric frontend interface and efficient work flow, prioritizing ease of use, reducing paperwork, and improving operational efficiency.
- Developed using MongoDB, Express, React, Node.js, HTML, CSS, JavaScript, Tailwind CSS, Postman, CI/CD (Netlify, Render, Github).

### You Are Broke!

Solo Project

**Finance Tracker and Budgeting App**      **March 2024 - Present**

- Developed and launched a cross-platform web finance tracker app featuring account registration, finance management and budget allocation.
- Implemented security features with hashed user data storage and JSON Web Tokens, optimized CRUD operations, ensured reliability through end-to-end testing using Cypress and rapid CI/CD pipelines using Github, Netlify and Render.
- Developed using MongoDB, Express, React, Node.js, HTML, Vanilla CSS, JavaScript, Vite, Postman, End-to-end Testing (Cypress), CI/CD (Netlify, Render, Github), XCode Simulator.

### Pop's Picks

Solo Project

**Movie Tracking & Exploration App**      **April 2024 - Present**

- Developed a React Native iOS app for exploring and tracking movie information, integrated with The Movie Database (TMDB) API.
- Designed a user-friendly interface with local storage for seamless data retention and access.
- Developed using React Native, Expo, JavaScript, VS Code, GitHub, XCode Simulator.