

Austin Nathaniel Soriano Miranda

Full Stack Developer | Fresh Computer Science Graduate

[LinkedIn](#) | [Portfolio](#) | [Email](#) | [Phone](#)

Skills

Frontend Development: React, React Native, Tailwind CSS, Bootstrap, Vite, Expo, npm	Backend Development: Node, Express, MySQL, MongoDB
Languages: Python, HTML, CSS, Javascript, C++, Java	End-to-End Testing: Cypress, Manual Testing
Version Control: Git, GitHub	CI/CD: Netlify, Render, GitHub
UI/UX Design & Wireframing: Figma, Adobe Illustrator, Adobe XD, Canva	IDE: Visual Studio Code, Webstorm, PyCharm, IntelliJ
AI Tools/Prompt Engineering: OpenAI ChatGPT, Google Gemini	CAD/CAM: SLA/Resin 3D Printing, Laser Cutter, CNC, Waterjet Cutter, Fusion 360, SolidWorks, Keyshot
Workshop & Technical Skills: Machinery Operation and Maintenance, Inventory/Resource Management, Classroom Support, Risk Assessment (Health & Safety bizSAFE level 2)	

Employment History

Full Stack Developer	Singapore
Freelance	December 2023 - February 2024
<ul style="list-style-type: none">Developed and deployed a cross-platform, responsive, and user-friendly full-stack web application using React, Express, Node.js, MongoDB, and Tailwind CSS, enhancing UI/UX design and streamlining the client's operations by 30% compared to their previous software.Collaborated with the client to gather data, define app specifications, create user stories, and present mock designs and user flows, achieving a 100% client satisfaction rate.Managed over 20 iterations based on client feedback, significantly enhancing the user experience and ensuring the application was intuitive and easy to navigate.	
Design & Technology Technician	Singapore
Dulwich College Singapore	August 2019 - Present
<ul style="list-style-type: none">Prepared curriculum materials and ensured equipment readiness for 200+ students.Maintained workshops and enhanced safety protocols, fostering a productive environment.Conducted risk assessments and ensured compliance with safety regulations.Resolved 30+ technical machinery issues and general challenges while guiding staff in troubleshooting, demonstrating strong problem-solving skills.Provided expert CAD/CAM guidance to students and teachers, enhancing students' project quality and grades.Effectively collaborated with purchasing departments and suppliers to procure resources, streamlining operations and accelerating item receipt times.Led leather-crafting workshops, expanding the summer program.Managed paperwork and petty cash submissions, enhancing efficiency and processing times.	

Education

University of Wollongong / Singapore Institute of Management

Singapore

Bachelor in Computer Science, Major in Digital Systems & Security (Part-Time)

July 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 Project Management.

Ngee Ann Polytechnic

Singapore

Diploma in Product Design & Innovation

2014 - 2017

- Developed a strong 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 the Youth Expedition Project.

Projects

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Freelance

Hospital Delivery Coordination System

December 2023 - February 2024

- Developed a hospital delivery coordination system using the MERN stack, enabling efficient job making, driver assignment, tracking and management of deliveries for hospital clients.
- Enhanced UI/UX design, logistics with custom features, minimised paperwork, and improved operational efficiency as compared to the client's previous software.
- Delivered a tailored, robust and functional solution with 100% client satisfaction.

Technologies: MongoDB, Express, React, Node.js, HTML, CSS, JavaScript, Tailwind CSS, Postman, CI/CD (Netlify, Render), VS Code, GitHub.

You Are Broke!

Solo Project

Finance Tracker and Budgeting App

March 2024 - Present

- Developed a cross-platform finance tracker app using the MERN stack, featuring finance management, net worth calculation, and budget allocation.
- Enhanced security with hashed user data storage and JSON Web Tokens.
- Optimised CRUD operations using React Context and useMemo, improving efficiency.
- Utilised GitHub for version control and implemented CI/CD pipelines with Render and Netlify for rapid deployment.
- Ensured app reliability through End-to-End testing with Cypress.
- Improved HTML and vanilla CSS skills by focusing on cleaner, framework-free code for styling.

Technologies: MongoDB, Express, React, Node.js, HTML, vanilla CSS, JavaScript, Vite, Postman, End-to-end Testing (Cypress), CI/CD (Netlify, Render), VS Code, GitHub, XCode Simulator

Pop's Picks

Solo Project

Movie Tracking & Exploration App

April 2024 - Present

- Built a React Native movie tracking app featuring movie exploration, detailed descriptions, marking watched movies, and a custom "JS" button for Jason Statham movies.
- Designed a user-friendly interface and implemented local storage for data retention, integrating with The Movie Database (TMDB) API.

Technologies: React Native, Expo, JavaScript, VS Code, GitHub, XCode Simulator