

Austin Nathaniel Soriano Miranda

Junior Full Stack Developer | Fresh Computer Science Graduate

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Skills

Frontend Development: React, React Native, Tailwind CSS, Bootstrap, Vite, Expo, npm

Languages: Python, HTML/CSS, Javascript, C++, Java

Version Control: Git, GitHub

UI/UX Design & Wireframing: Figma, Adobe Illustrator, Adobe XD, Canva

AI Tools/Prompt Engineering: OpenAI ChatGPT, Google Gemini

Workshop & Technical Skills: Machinery Operation and Maintenance, Inventory Management & Classroom Support, Risk Assessment (Health & Safety bizSafe level 2)

Backend Development: Node, Express, MySQL, MongoDB,

End to End Testing: Cypress, Manual Testing

CI/CD: Netlify, Render, GitHub

IDE: Visual Studio Code, Webstorm, PyCharm, IntelliJ

CAD/CAM: SLA/Resin 3D Printing, Laser Engraver, CNC, Water Jet Cutter, Fusion 360, SolidWorks

Employment History

Full Stack Developer

Singapore

Freelance

December 2023 - February 2024

- Developed and deployed a full-stack web application from scratch using React, Express, Node.js, MongoDB, and Tailwind CSS, leading to a more responsive and user-friendly interface.
- Collaborated closely with clients to gather data, define app specifications, create user stories, and present mock designs and user flows, ensuring the final product met all client requirements and expectations.
- 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

- 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, showcasing problem-solving skills.
- Provided expert CAD/CAM guidance, enhancing student's project quality and grades.
- Collaborated with departments and suppliers for technical support and resource procurement.
- 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 July 2021 - February 2024
(Part-Time)

- **Final Year Project:** Developed a cross-platform full stack water management system using PHP, HTML, CSS, JavaScript, Bootstrap, and MySQL, achieving a distinction.
- **High Distinction:** Multicore and GPU Programming, Fundamental Programming with Python.
- **Distinction:** 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

Kimchinc

Freelance

Hospital Delivery Coordination System

December 2023 - February 2024

- Developed a hospital delivery coordination system using the MERN stack, enabling efficient tracking and management of deliveries for hospital clients.
- Enhanced logistics with custom features, minimized paperwork, and improved operational efficiency using MongoDB, Express, React, Node, and Tailwind CSS.

You Are Broke!

Solo Project

Finance Tracker and Budgeting App

March 2024 - Present

- Created a cross-platform finance tracker and budgeting app with the MERN stack, featuring finance management, net-worth calculation, and budget allocation.
- Enhanced security with hashed data storage and JSON Web Tokens, and optimized CRUD operations using React Context and useMemo.
- Enhanced practical skills in HTML and Vanilla CSS without using CSS frameworks.

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.