

Jana Venice Dayao

janaveniice@gmail.com • 8885 7987 • linkedin.com/in/janaveniice • github.com/janaveniice • janaveniice.netlify.app

Education

Singapore Institute of Technology & University of Glasgow <i>BSc in Computing Science, Specialization in Internet of Things (IoT)</i>	2023-2026
Ngee Ann Polytechnic <i>Diploma in Biomedical Engineering</i>	2020-2023
Whitley Secondary School <i>GCE 'O' Level Certificate</i>	2016-2019
<ul style="list-style-type: none">• Awards: Scholastic Merit Award (2019 GCE Ordinary Level), Geography (2018 Secondary 3 Express)	

Skills & Interests

Programming Languages: Python, HTML/CSS, C, Java, Javascript
Frameworks & Libraries: Flask, Django, TailwindCSS, Bootstrap, Vue, TensorFlow, Scikit-learn
Databases & Database Management: MySQL, MariaDB, MongoDB Compass, MongoDB Atlas
Operating Systems: Windows, Linux

Internship

Innotech Resources <i>Junior Engineer Intern</i>	Mar-Aug 2022
<ul style="list-style-type: none">• Facilitated the design, construction, and deployment of 8 RFID Smart Shelves for the National Cancer Center Singapore and Sembawang Polyclinic• Liaised with clients to gather feedback on challenges faced and identify areas for functionality improvements on Parata Mini, Parata Max, RFID Desktop Readers, and RFID Smart Shelves• Performed preventive maintenance on equipment in polyclinics and hospitals to ensure optimal performance• Produced documentation to assist in troubleshooting machines, including a detailed guide on tuning RFID antennas	

Projects

AVConnect Python, Flask, NoSQL, HTML/CSS, Javascript, Figma
<ul style="list-style-type: none">• Led the team in developing a community-driven platform for Automated Vehicle (AV) users using Flask framework and MongoDB• Designed high-fidelity prototype using Figma and developed web pages using HTML/CSS and Javascript• Conducted user research, usability testing, evaluation, and experimental design to evaluate and enhance user experience
DigitalFNA Vue, HTML/CSS, Typescript, Figma
<ul style="list-style-type: none">• Created wireframe and prototype in Figma for a Financial Needs Analysis application• Developed responsive web pages using HTML, TailwindCSS, and Typescript to achieve cross-device compatibility• Built reusable components using Vue, optimizing code efficiency and scalability for front-end development• Maintained project documentation on Confluence, detailing implementation process and design decisions
BeSage Python, Django, HTML/CSS, SQL, Figma
<ul style="list-style-type: none">• Co-developed a learning management system using Django framework to manage efficient management of user accounts, courses, and course content.• Designed prototype in Figma and developed responsive web pages with HTML, CSS, and Bootstrap• Leveraged SQL and MariaDB to retrieve backend data using optimized queries• Identified issues and debugged during frontend-backend integration to ensure seamless functionality