Tanoo Joyekurun

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EDUCATION

Nanyang Technological University (2014-2018)

B.Eng Electrical Engineering

University of Mauritius (Ongoing)

B.Sc Computer Science (Graduation: 2026)

Current Year: Final Year

TECH STACK

- **Languages**: JavaScript, PHP, Python, HTML/CSS, Kotlin, C++
- **Backend:** Node.js, SQL, MongoDB, Redis
- **Frameworks**: React Native, Next.js
- **Tools**: Postman, GitHub, Expo Go, Figma,

INTEGRATION EXPERTISE

- OpenAI
- Stripe
- Shopify

PORTFOLIO

- GitHub – github.com/tanoojoy
- Personal – tanoojoy.netlify.app

EXPERIENCE

GWS Technologies, Mauritius
Full-Stack Developer

OCTOBER 2024 - PRESENT

- Designed and developed a **custom** web service in Node.js, integrated with **OpenAI** to increase the speed of operations. What used to take 15 minutes per operation ended up being done in 10 seconds by the web service – a **98%** increase in speed.

Arcadier, Singapore
Sales Engineer

JANUARY 2019 - JUNE 2023

- Lead development of technical documentation on **Postman**, **GitHub,** and help developers use over 100 of Arcadier's **APIs**.
- Wrote technical articles and guides to help developers **integrate 3rd party apps** with Arcadier's platform.
- Designed, built, and demonstrated **proof of concepts** in JavaScript, PHP, and **Node.js** for developers and clients to assess the ease of development on Arcadier's platform compared to competitors**.**
- Guided developers in **finding the right technology** among Arcadier's tech stack for their technical challenges during development.
- **Assessed client requirements** with the Business Development team and figured out if Arcadier's technology can be customised to satisfy the client.
- Designed and built 2 **SDK**s (PHP and Node) and tools to constantly keep Arcadier **on par with competitors**.
- Trained 10 development consultancies to become Arcadier's tech partners.

Rolls-Royce, Singapore
Electrical Engineering Intern

JANUARY 2017 - August 2017

- Performed market research on microprocessor trends and proposed the usage of ARM microprocessor ATMEL SAM3X8E for a wireless project.
- Tested the efficiencies of different data structures in C++ to allow for real-time wireless communication between 2 modules powered by ATMEL SAM3X8E.
- Improved the transmission system to allow for the transmission of data from 8 sensors on a single channel, using different multiplexing techniques.
- Reached a sampling rate of 660k sample/s on a single sensor and 40 sample/s on 4 sensors.