

DAVID JOHN PALAVI

SOFTWARE ENGINEER GRADUATE

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Github link



SUMMARY

Recent Software Engineering graduate from Vanuatu, currently residing in Japan. I have hands-on experience building web applications using MERN and Next.js + Prisma + PostgreSQL stacks. I am motivated by the challenge of creating fast, scalable, and secure solutions while learning and improving through practical experience.

TECHNICAL SKILLS

Frameworks/Libraries:

React JS (Vite), Tailwind CSS, Next JS

Tools & collaboration

Platforms:

Git, GitHub, Trello, Prisma, Node JS, Express JS.

Databases:

MongoDB, PostgreSQL

Other:

C++, HTML/CSS, RESTful APIs, Postman, JWT, Role Based Access Control, Google Cloud, Agile Development, Debugging



Eportfolio link



ACADEMIC KEY PROJECTS

University of The South Pacific, Fiji

Oct 2021 - Nov 2021

Dynamic Android Mobile Application | CS218 - Mobile App Development

- Designed and developed a basic Android app for managing book lists (add, edit, delete) using Android Studio.

University of The South Pacific, Fiji

Mar 2023 - June 2023

Car Insurance Management System Project | C415 - Advanced Software Engineering

- Worked on a system using Laravel and Agile Methodology, focusing on policy management and claims processing for admin users. Built RESTful APIs for CRUD operations to handle resources like policies and claims. Collaborated effectively through GitHub and Trello, carried out testing phases, and created a comprehensive user manual to document the project.

University of The South Pacific & Telecom Fiji Limited (TFL)

Aug 2024- Nov 2024

Network Operations Center Ticketing System Project with Jenkins Setup for CI/CD | CS400 - Industrial Experience Project

- Tracked tasks and milestones to ensure the project stayed on schedule. Documented system requirements and workflows for clarity and alignment. Contributed to UI/UX wireframe designs in Figma and actively participated in team discussions to refine project goals. And also streamlined collaboration by managing code on GitHub.

PRACTICAL PROJECTS

C++ lessons Web App & French Language lessons Web App | MERN Stack

Feb 2025 - Apr 2025

Practice Projects

- Developed two full-stack educational platforms for C++ coding and French language practice. Implemented features like CRUD operations, JWT authentication, and RBAC, with technologies including Node.js, Express.js, MongoDB, React (Vite), Tailwind CSS, and shadcn/ui. Highlights include integrating audio playback and Google Cloud Storage for French practice and an in-browser coding editor for C++. Deployed both platforms on Render.com.

Restaurant Web App | Next JS + Prisma + PostgreSQL Stack Practice Project

Jun 2025 - Jul 2025

- Developed a dynamic restaurant web application with features for managing special dishes, menu categories, menu items, reservations, and announcements. Leveraged Next.js for client and server-side rendering with Prisma to design and connect PostgreSQL database. Designed and tested RESTful APIs for CRUD operations, utilizing Postman for endpoint validation.

ADDITIONAL INFORMATION

- Languages:** English (Fluent), French (Fluent), Bislama (Native), Japanese (Basic)
- Interests:** Programming, Video Editing, Japanese Anime & Cultural Exploration, Sports (Soccer & Volleyball)

EDUCATION

Bachelors of Software Engineering (BSE)

University of the South Pacific, Fiji | 2024

Technological Baccalaureate Diploma

Lycee Jean-Marie Gustave Le Clezio, Vanuatu | 2014

PROFESSIONAL & ACADEMIC EXPERIENCE

Hawkins NZ, Vanuatu (Port-Vila)

Mar 2016 - Jan 2019

Junior Quantity Surveyor

- Recorded invoices and expenses, tracked inventory of materials and tools, created field reports with photos, and assisted Senior civil engineer with other tasks that concerned measurements in field.

University of the South Pacific, Fiji

Jan 2024 - Nov 2024

Treasurer | Japanese Pacific Alumni Association

- Contributed to organizing events that promote Japanese culture and strengthen alumni connections. Supported fundraising activities, including selling baked goods, beverages, and hosting an Anime movie night, to help finance outreach programs for high schools. Assisted in introducing Jenesys and Japanese culture to high school and tertiary students in Fiji through collaborative initiatives. Helped maintain precise financial records, ensuring transparency and accountability throughout all activities.
- Jenesys 2023 Certificate (Peacebuilding, Hiroshima, Japan)
Jan 2024
- Jenesys 2022 Phase II Certificate (Online Tour - Peacebuilding & Environment)
Nov 2023

ADDITIONALL SKILLS

- Good Communication and Interpersonal Skills
- Team Collaboration
- Problem-Solving in Programming
- Attention to Detail
- Willingness to Keep Learning and Grow
- Task and Budget Management
- Report Writing
- Computer Literate
- Proficiency in Microsoft Office (Word, Excel, Project, PowerPoint)