

VALKENBURGH M. MARGIN

Antipolo City, Rizal | +63 929 576 8675 | marginvalkenburgh@gmail.com | linkedin.com/in/vmargin | github.com/vmargin | vmargin.github.io

SUMMARY

Computer Engineering graduate with project experience developing Java desktop applications and full-stack web systems. I also have React, Node.js, Express, Prisma, and PostgreSQL project exposure. Seeking a junior software development role. I am looking to join an engineering team that values rigorous mentorship and technical excellence, where I can apply my core fundamentals while leveling up under experienced leadership.

PROJECTS

CASH-G BANKING APP | Java, Swing, JDBC, PostgreSQL, JUnit 2026

GitHub: github.com/vmargin/cashg | Live: cashg.onrender.com

- Developed a Java banking simulator with registration, PIN login, cash-in, transfers, and transaction history, bringing account operations into one desktop workflow.
- Implemented JDBC transactions for balance changes and paired transaction records, allowing transfers to commit together or roll back on failure.
- Organized feature delivery through GitHub issues, acceptance criteria, and JUnit checks, linking application rules to defined tasks and repeatable tests.

ARCTIC - AIRCON SERVICE MANAGER | TypeScript, React, Express, Prisma, PostgreSQL 2026

GitHub: github.com/vmargin/arctic | Live: arcticaircon.vercel.app

- Gathered requirements from a four-branch air-conditioning company and mapped its booking-to-invoice workflow, translating staff operations into system requirements.
- Defined organization and branch access requirements, booking transitions, and payment rules, giving implementation explicit rules for staff scope and job progression.
- Led requirements, data-model design, and deployment work with AI-assisted implementation, translating the service workflow into booking, invoice, and audit-log features.

ERL ASSETHUB | React, Express, Prisma, PostgreSQL 2026

GitHub: github.com/vmargin/assethub | Live: erlassethub.vercel.app

- Developed organization-scoped asset queries and writes, applying organization identifiers to listing, update, and delete operations.
- Modeled organizations, users, assets, and categories with PostgreSQL constraints and Prisma migrations, defining relationships and a repeatable database setup.
- Configured the React frontend, Express API, and PostgreSQL database for local and hosted environments, supporting development and deployment from the same project.

TECHNICAL SKILLS

Languages: Java, TypeScript, JavaScript, SQL, HTML, CSS

Frontend: React, Vite, Tailwind CSS, TanStack Query

Backend: Node.js, Express, REST APIs, JWT, bcrypt, Zod

Database: PostgreSQL, Prisma ORM, JDBC, Supabase, Database Migrations

Testing & Build: JUnit, Maven

Tools & Deployment: Git, GitHub, Docker, Vercel, Postman, pgAdmin

EDUCATION AND CERTIFICATION

POLYTECHNIC UNIVERSITY OF THE PHILIPPINES

BS Computer Engineering

Sta. Mesa, Manila

2020

Relevant Coursework: Data Structures and Algorithms, Object-Oriented Programming, Advanced Java Programming, Relational Database Management, Software Engineering

JAVA PROGRAMMING NCIII – TESDA | Completed 2026

CIICC, Quezon City

AWS CLOUD QUEST: CLOUD PRACTITIONER | Completed 2026

Supervised Industry Learning (SIL) – Spring Valley