Mark Matthew M. Vergara

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WORK EXPERIENCE

Junior Web Developer
Sta Clara International

- Developed an internal full-stack web application using Next.js and Supabase as a remote junior developer.
- Created mockups in Figma and implemented approved features through pull requests in a structured workflow.

Freelance Experience
Alge Explorer

- Math educational application made using Flutter commissioned to me by fellow schoolmates majoring in mathematics as part of their final requirements.

NOTABLE PROJECTS

Supadart

- CLI tool that generates Flutter/Dart classes from a Supabase schema, enabling typesafe queries.
- It has garnered over 3,400 downloads, 49 Github stars, and recognition from the Supabase Flutter Maintainer.

PSAU Rant

- Web and Mobile application for students to create and study flashcards, addressing the frustration of my classmates with previously using a premium app, shift away from free access.
- The mobile version features offline card saving. Has attracted a growing user base, reaching 49 users as of August 2024.

Green Vision (capstone)

- Developed a Smart Trash Can with a Monitoring and Management System that uses waste object detection model and IoT technologies to automatically open the appropriate lid for disposal.
- Implemented a web and desktop application to monitor the trash can's capacity, with automated notifications sent when Smart Trash Can exceeds 90% capacity.

App Starter Templates

- Developed a series of App Starter Templates, including React Firebase Auth, React MongoDB Prisma Auth, Nextjs Discord Bot, and React Supabase Auth templates
- Have been well-received by the developer community, earning a total of 68 stars on GitHub.

Application Clones

- Series of app clones including GOSSS (AWS S3 clone with TypeScript SDK), Threads, Wordle (Single and Multiplayer), Google Docs, Twitter (ongoing), and Spotify (ongoing).

TECHNICAL SKILLS

- **Development**
  - React, Next.js, Vue.js, Solid.js, Astro, Remix, TypeScript, Node.js, Express.js, Bun, Hono, Python, Java, Golang, Spring, Drizzle, Flutter, Dart, Tauri, Electron
- **Data and Cloud**
  - PostgreSQL, MySQL, SQLite, MongoDB, Redis, Supabase, Firebase, AWS, GCP, GraphQL
- **Tools and DevOps**
  - Docker, Git, GitHub, Linux, Bash, Cypress, Postman, VSCode, Vim

EDUCATION

- Bachelor of Science in Information Technology at Pampanga State Agricultural University   2021 - 2025