

# Jom Karlo Verzosa

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## Experience

### Sprout Solutions

Hybrid

#### Software Development Intern

July – September 2025

- Developed automation bots structured for Azure Durable Functions, implementing data-processing and web scraping to support workflows using Python, FastAPI, PostgreSQL, Pandas, and Playwright.
- Contributed to the frontend development by building pages and components from scratch with Vue.js, TypeScript, Tailwind, and the company's internal design system.
- Participated in sprint planning, PI planning, and technical discussions, helping design ERDs for incoming features, define API requirements, and align deliverables for the team.

### Freelance

Remote

#### Web Developer

February – April 2025

- Built and deployed the backend of an e-commerce web app using Express.js, TypeScript, and MongoDB.
- Contributed to the frontend with Next.js, Redux Toolkit, and shadcn components, integrating backend functionality and assisting with UI implementation.
- Integrated PayPal Checkout for online payments and automated PDF invoice generation.
- Implemented Google OAuth authentication with secure cookie handling, and added email notifications for order updates.

### Freelance

Remote

#### Web Developer

June – September 2024

- Developed and deployed the backend of a car servicing app using Express.js, Javascript, and MongoDB, including booking logic, client management, email notifications, and PDF generation for quotations and invoices.
- Implemented a complete authentication flow including login, signup, email verification, and password reset, using token-based auth.
- Contributed to the frontend using Next.js, Javascript, and shadcn, integrating backend endpoints and assisting with UI implementation.
- Delivered a reliable, production-ready application that continues to serve real business operations today.

### Cleaningly

Remote

#### Web Developer Intern

September – December 2023

- Built and maintained web app features using MERN stack.
- Improved data accuracy for client appointment statistics by resolving an API data integrity issue.
- Completed 20+ development and bug tickets over the course of a 3-month internship.

## Notable Project

### KeyBud ([www.keybud.jomkv.tech](http://www.keybud.jomkv.tech))

#### Full Stack Developer

- Built and deployed a social media app using React.js, Express.js, MongoDB, TypeScript, and Bootstrap.
- Developed secure auth (cookies + OAuth2), with robust email verification.
- Implemented real-time messaging via WebSockets.

## Skills

**Languages & Databases:** Javascript, Typescript, Python, PHP, C#, MySQL, PostgreSQL, MongoDB

**Backend:** Express.js, NestJS, FastAPI, CodeIgniter4, Serverless (Azure Durable Functions)

**Frontend:** React.js, Next.js, Vue.js, shadcn, Tailwind CSS, Bootstrap, Material UI

**Tools & Skills:** Git/GitHub, Agile/Scrum, Web Scraping, Data Processing, Unit Testing

## Education

**Cavite State University – Silang Campus**

Bachelor of Science in Computer Science

Silang Cavite, Philippines

2022 – Present