

# KURT DENZEL R. CALACDAY

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## WORK EXPERIENCE

### Senior Full Stack Developer - AppAid LLC,

June 2025 — Present

- Architected dynamic solutions with Vue.js / Nuxt.js, Tailwind, Shadcn, and TypeScript to deliver scalable web apps.
- Integrated Salesforce and Twilio with PostgreSQL via Supabase, enabling seamless communication and data flow.
- Designed REST APIs with Postman; delivering cross-platform mobile builds via Capacitor for iOS and Android.

### Mid Level Software Engineer - Flexicon Solution Inc.

July 2024 — June 2025

- Orchestrated scalable interfaces using Nuxt.js / Vue.js, Next.js / React.js, Tailwind, Pug.js, Vite, and Node.js.
- Engineered API consumption using TypeScript, Postman, and GraphQL for prototyping, testing, and mocking.
- Leveraged Cypress and Storybook to automate UI component testing, boosting reliability and visual consistency.

### Software Engineer Intern - Stock Knowledge Corp.

Jan 2024 — May 2024

- Led UI/UX improvements using Tailwind, and optimized a Next.js / React.js frontend for faster load times.
- Spearheaded Linux instances on Amazon Lightsail via SSH & engineered scalable serverless architecture on AWS.
- Engineered a chatbot with Retrieval Augmented Generation using Node.js & integrated AWS OCR via TypeScript.

## SKILLS & INTERESTS

**Technical:** Javascript / Typescript (Node.js, jQuery, React.js, Next.js, Vue.js / Nuxt.js), CSS (Tailwind, Bootstrap, Sass, Radix UI, Shadcn/ui), PHP (Laravel, Wordpress), Python, C++, C# (ASP.NET), SQL (MySQL, PostgreSQL, MongoDB), Cloud (AWS, Google Cloud Platform, Firebase), AWS Services (EC2, Lightsail, Amplify, DynamoDB, SQS/Simple Queue Service, Lambda, Cognito, API Gateway), Linux (Bash Shell Scripting), Docker, Version Control System (Git, Github, BitBucket, GitLab).

**Language:** English (Fluent), Filipino / Tagalog (Native)

**Certifications & Training:** Postman API Fundamentals Student Expert - Postman, Software Engineer Role - HackerRank, Google UX Design Professional - Coursera (Sponsored), Github Foundations - Github (Sponsored), API Security Architect - API Academy, IT for Business Success - HP, Vue.js - Codecademy, JavaScript Course - Codecademy, Introduction to UI and UX Design Course - Codecademy, Foundational C# - freeCodeCamp - Microsoft, AWS Cloud Concepts - DataCamp (Scholarship), NDG: Linux Essentials - The Linux Foundation (Sponsored), Understanding Artificial Intelligence - DataCamp (Scholarship), Imagine Cup Cloud Skills Challenge - Microsoft (Student Ambassadorship, Sponsored), Critical Infrastructure Protection - OPSWAT Academy, Researching Mobile App Interface - Moqups - Coursera Project Network, Azure DevOps - Azure Developer Community, Virtual Private Cloud (VPC) - Amazon Web Services, Cybersecurity - Oxford Home Study Center, Figma Elements - Figma, Microsoft Azure Fundamentals, Microsoft Learn (Sponsored), Wix Artificial Intelligence, Wix - Coursera Project Network, Search Engine Optimization (SEO), SquareSpace - Coursera Project Network, CISSP: Information Systems Security Professional - Alison, Introduction to IoT, Mapúa University - Cisco Networking Academy (Sponsored), MinnaLearn: Building AI, University of Helsenki - Grow with Google, Principles of Graphic Designing - University of the Philippines Open University, MinnaLearn: Introduction to AI, University of Helsenki - Grow with Google, Networking Essentials, Mapúa University - Cisco Networking Academy (Sponsored), Implementing a Website with WordPress -Coursera Project Network, Cybersecurity Essentials - Mapúa University - Cisco Networking Academy (Sponsored)

**Awards:** PH100 - Top 100 Brightest Minds of the Philippines by StellarPH, Best in Paper Recognition in Capstone & Research by True Icon 2024, 2nd Runner-Up, Engineering Exhibit of Student Research Colloquium 2024, Exemplary Performance in Interschool Competition (2023 - 2024), Champion, Programming Wizard of UE LITS (2021 - 2022), Champion, Tekiskolar Quiz Bee of UE LITS (2021 - 2022), Remarkable Representative, DLSU Stack Knowledge Programming Quiz Bee (2021 - 2022), 1st Runner-Up, Programming Wizard of UE LITS (2021 - 2022), 1st Runner-Up, Quiz Time of UE LITS (2021 - 2022)

## EDUCATION

### University of the East

Metro Manila, Philippines

Degree: Bachelor in Science in Information Technology

June 2024

Thesis: Dynamic Pathfinding Optimization Utilizing A\* Algorithm in a Primary School Community

## PROJECTS

<b>Inkoro - PDF Editor &amp; Annotator</b>	Project & Development Lead
<ul style="list-style-type: none"><li>• PDF editor &amp; annotator with Next.js, TypeScript, Tailwind, shadcn/ui, react-pdf, and pdf-lib for seamless workflows.</li><li>• Added page and layer management, undo/redo, and export to PDF/PNG/JPEG/WebP for seamless document editing.</li><li>• Enabled rich annotation tools like freehand pen, text, shapes, highlights, images, and signatures.</li></ul>	
<b>ChainPaper - Trustless Whitepaper</b>	Project & Development Lead
<ul style="list-style-type: none"><li>• Trustless collaborative markdown editor with Nuxt, TypeScript, Tailwind, shadcn/ui, KaTeX, &amp; Markdown-it.</li><li>• Peer-to-peer editing with real-time sync, export features, and offline support for trustless whitepaper creation.</li><li>• Integrated cryptographic SHA-256 authorship verification to provide verifiable contribution history.</li></ul>	
<b>Barcode - Barcode + QR Generator &amp; Code Scanner</b>	Project & Development Lead
<ul style="list-style-type: none"><li>• Barcode, QR Code and Code Scanner using Next.js, Tailwind, shadcn/ui, JsBarcode, html5-qrcode, &amp; qr-code-styling.</li><li>• Enabled multi-format creation (CODE128, EAN13, UPC, CODE39) with real-time previews and custom settings.</li><li>• Added share and export options (PNG/JPEG/WebP/SVG) plus QR design tweaks and camera scanning.</li></ul>	
<b>PokeNux - RESTful API Pokédex</b>	Project & Development Lead
<ul style="list-style-type: none"><li>• Implemented comprehensive Pokéémon and TCG data exploration with optimized client-side fetching</li><li>• Pokédex using Nuxt, TypeScript, Pinia, Tailwind, and shadcn/ui powered by PokéAPI and the tcgdex/sdk.</li><li>• Ensured PWA-ready performance and SEO optimization through Nuxt's SSR and Tailwind-based responsive design.</li></ul>	
<b>Chromi - Color Palette Generator</b>	Project & Development Lead
<ul style="list-style-type: none"><li>• Color palette generator &amp; analyzer using Nuxt, TypeScript, Tailwind, shadcn/ui, Pinia, chroma-js, &amp; html2canvas.</li><li>• Supports multi-mode palette creation with random/custom counts and real-time format conversions.</li><li>• Added color property analysis &amp; export features for designers to inspect and copy palettes fast.</li></ul>	
<b>Resume Forge/Generator</b>	Project & Development Lead
<ul style="list-style-type: none"><li>• Utilized React.js, Tailwind, and JavaScript with Typescript Linter to create a user-friendly interface.</li><li>• Integrated customizable templates and data parsing functionalities for efficient resume generation.</li><li>• Implemented user storage imports for secure and personalized resume management.</li></ul>	
<b>The CloserAI - AI-Powered PDF Assistant for Legal Studies</b>	Project & Development Lead
<ul style="list-style-type: none"><li>• Enhanced usability and integrity with an intuitive interface in a Serverless Next.js / React.js project.</li><li>• Developed a streamlined pdf chatbot with AWS Cloud Services, Bedrock, Code Commit, and Amplify.</li></ul>	
<b>Stock Knowledge Corp. - Quality Assurance Revisions</b>	Project & Development Lead
<ul style="list-style-type: none"><li>• Established documentation for QA processes, including UI checks on Tailwind-based components.</li><li>• Collaborated with development teams to implement best practices for code quality and maintainability.</li><li>• Directed rigorous testing protocols to identify in React.js and rectify software bugs and performance bottlenecks.</li></ul>	
<b>GDG UEC Campus Organization Website</b>	Project & Development Lead
<ul style="list-style-type: none"><li>• Enforced responsive design using Tailwind to ensure accessibility across diverse devices and screen sizes.</li><li>• Lead Developer on overseeing the full-stack development utilizing Astro.js for performant, modern web delivery.</li></ul>	
<b>Accred E-Certificate Generator</b>	Project & Development Lead
<ul style="list-style-type: none"><li>• Developed a streamlined event e-certificate generator for the campus organization events.</li><li>• Built with React.js / Next.js, Tailwind, and Firebase for optimized frontend and real-time database.</li><li>• Automated certificate issuance process for seamless event management and enhanced attendee satisfaction.</li></ul>	
<b>Talaan - Laravel Organization Blog Application</b>	Project & Development Lead
<ul style="list-style-type: none"><li>• Integrated authentication and authorization via Laravel to ensure secure access control.</li><li>• Implemented robust CRUD functionality to manage blog posts, categories, and user accounts.</li><li>• Designed and developed a responsive user interface using Tailwind for optimal viewing across devices.</li></ul>	