

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 Helsinki - Grow with Google, Principles of Graphic Designing - University of the Philippines Open University, MinnaLearn: Introduction to AI, University of Helsinki - 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

Degree: Bachelor in Science in Information Technology

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

Metro Manila, Philippines

June 2024

PROJECTS

- Inkoro - PDF Editor & Annotator** Project & Development Lead
- PDF editor & annotator with Next.js, TypeScript, Tailwind, shadcn/ui, react-pdf, and pdf-lib for seamless workflows.
 - Added page and layer management, undo/redo, and export to PDF/PNG/JPEG/WebP for seamless document editing.
 - Enabled rich annotation tools like freehand pen, text, shapes, highlights, images, and signatures.
- ChainPaper - Trustless Whitepaper** Project & Development Lead
- Trustless collaborative markdown editor with Nuxt, TypeScript, Tailwind, shadcn/ui, KaTeX, & Markdown-it.
 - Peer-to-peer editing with real-time sync, export features, and offline support for trustless whitepaper creation.
 - Integrated cryptographic SHA-256 authorship verification to provide verifiable contribution history.
- Barcodea - Barcode + QR Generator & Code Scanner** Project & Development Lead
- Barcode, QR Code and Code Scanner using Next.js, Tailwind, shadcn/ui, JsBarcode, html5-qrcode, & qr-code-styling.
 - Enabled multi-format creation (CODE128, EAN13, UPC, CODE39) with real-time previews and custom settings.
 - Added share and export options (PNG/JPEG/WebP/SVG) plus QR design tweaks and camera scanning.
- PokeNux - RESTful API Pokedex** Project & Development Lead
- Implemented comprehensive Pokémon and TCG data exploration with optimized client-side fetching
 - Pokedex using Nuxt, TypeScript, Pinia, Tailwind, and shadcn/ui powered by PokéAPI and the tcgdex/sdk.
 - Ensured PWA-ready performance and SEO optimization through Nuxt's SSR and Tailwind-based responsive design.
- Chromi - Color Palette Generator** Project & Development Lead
- Color palette generator & analyzer using Nuxt, TypeScript, Tailwind, shadcn/ui, Pinia, chroma-js, & html2canvas.
 - Supports multi-mode palette creation with random/custom counts and real-time format conversions.
 - Added color property analysis & export features for designers to inspect and copy palettes fast.
- Resume Forge/Generator** Project & Development Lead
- Utilized React.js, Tailwind, and JavaScript with Typescript Linter to create a user-friendly interface.
 - Integrated customizable templates and data parsing functionalities for efficient resume generation.
 - Implemented user storage imports for secure and personalized resume management.
- The CloserAI - AI-Powered PDF Assistant for Legal Studies** Project & Development Lead
- Enhanced usability and integrity with an intuitive interface in a Serverless Next.js / React.js project.
 - Developed a streamlined pdf chatbot with AWS Cloud Services, Bedrock, Code Commit, and Amplify.
- Stock Knowledge Corp. - Quality Assurance Revisions** Project & Development Lead
- Established documentation for QA processes, including UI checks on Tailwind-based components.
 - Collaborated with development teams to implement best practices for code quality and maintainability.
 - Directed rigorous testing protocols to identify in React.js and rectify software bugs and performance bottlenecks.
- GDG UEC Campus Organization Website** Project & Development Lead
- Enforced responsive design using Tailwind to ensure accessibility across diverse devices and screen sizes.
 - Lead Developer on overseeing the full-stack development utilizing Astro.js for performant, modern web delivery.
- Accred E-Certificate Generator** Project & Development Lead
- Developed a streamlined event e-certificate generator for the campus organization events.
 - Built with React.js / Next.js, Tailwind, and Firebase for optimized frontend and real-time database.
 - Automated certificate issuance process for seamless event management and enhanced attendee satisfaction.
- Talaan - Laravel Organization Blog Application** Project & Development Lead
- Integrated authentication and authorization via Laravel to ensure secure access control.
 - Implemented robust CRUD functionality to manage blog posts, categories, and user accounts.
 - Designed and developed a responsive user interface using Tailwind for optimal viewing across devices.