

KURT DENZEL R. CALACDAY

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EDUCATION

University of the East in Caloocan Bachelor in Science in Information Technology

Caloocan City, Metro Manila
August 2020 - June 2024

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

EXPERIENCES

Mid Level Software Engineer - Galactic Events Corp.

July 2024 - Present

- Integrate quality features within the website to enhance and preserve the customer experience.
- Administers PAGCOR's online gaming platforms using Vue.js/Nuxt.js, Storybook, and Pug.js.
- Leveraged Cypress for automated testing of UI components, ensuring consistent performance across updates.

Software Engineer Intern - Stock Knowledge Corp.

Jan 2024 - May 2024

- Engineered a high-performance chatbot with Retrieval Augmented Generation & implemented AWS OCR.
- Led UI/UX improvements for website responsiveness and optimized a Next.js frontend to enhance load times.
- Spearheaded Linux instances on Amazon Lightsail via SSH & engineered scalable serverless architecture on AWS.

Data Analyst - Nerida CES Taxfirm

Jan 2023 - Dec 2023

- Focused on providing the company with accurate, quality, and relevant data.
- Organized data into spreadsheets using Python and Jupyter Notebook's capabilities.
- Shared data insights with compelling visuals using Jupyter Notebook, Excel, and PowerBI.

SKILLS & INTERESTS

Technical: Javascript/Typescript (Node.js, jQuery, React.js, Next.js, Vue.js/Nuxt.js), CSS (TailwindCSS, Bootstrap, Sass, Radix UI, Shadcn/ui), PHP (Laravel, Wordpress) Python, C++, C# (ASP.NET), SQL (MySQL, PostgreSQL, MongoDB), Cloud (AWS, Firebase), WS Services (Lightsail, Amplify, DynamoDB, SQS, Lambda, Cognito, API Gateway), Version Control System (Git, Github, BitBucket, GitLab).

Language: Filipino - Native; English - Fluent

Certifications & Training: Learn Vue.js - Codecademy, Learn JavaScript Course - Codecademy, Introduction to UI and UX Design Course - Codecademy, CourseFoundational 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, Embarking with Azure DevOps, Azure Developer Community, Initiating Virtual Private Cloud (VPC), Amazon Web Services (AWS), Scrutinizing Cybersecurity, Oxford Home Study Center OHSC, Crafting with Figma Elements, Figma - Coursera Project Network, Microsoft Azure Fundamentals, Microsoft Learn (Sponsored), Delving Wix Artificial Intelligence, Wix - Coursera Project Network, Constructing 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: 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)

PROJECTS

PokeNuxt - RESTful API Pokedex

Project & Development Lead

- Adopts a modular design approach with reusable components for enhanced maintainability.
- Fetches Pokémon data asynchronously using Axios, leveraging the RESTful PokeAPI.
- Utilizes Vue.js and Nuxt.js to create a dynamic and responsive user interface.

VueRegWizard - Dynamic Client-Side Validation

Project & Development Lead

- Integrated vee-validate for robust client-side validation, ensuring data integrity and minimizing errors.
- Architected dynamic registration forms with Vue2, Nuxt 2, and Quasar 1 for a responsive, intuitive UI.
- Applied responsive design principles for a seamless user experience across all devices and screen sizes.

Resume Forge/Generator

Project & Development Lead

- Integrated customizable templates and data parsing functionalities for efficient resume generation.
- Utilized React.js, Tailwind, and JavaScript with Typescript Linter to create a user-friendly interface.
- Implemented user storage imports for secure and personalized resume management.

The CloserAI - AI-Powered PDF Assistant for Legal Studies

Project & Development Lead

- Contributing as part of the full-stack development team.
- Enhanced usability and integrity with an intuitive interface in a Serverless Next.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 and maintained comprehensive documentation for QA processes and procedures.
- Directed rigorous testing protocols to identify and rectify software bugs and performance bottlenecks.
- Collaborated with development teams to implement best practices for code quality and maintainability.

GDSC UEC Campus Organization Website

Project & Development Lead

- Enforced responsive design for website accessibility across diverse devices and screen sizes.
- Lead Developer on overseeing the full-stack development process from design to deployment.
- Applied responsive design to ensure website accessibility and user-friendliness on all devices and screen sizes.

Accred E-Certificate Generator

Project & Development Lead

- Built with Next.js & Firebase for optimized frontend & real-time database.
- Developed a streamlined event e-certificate generator for the campus organization events.
- Automated certificate issuance process for seamless event management and enhanced attendee satisfaction.

Talaan - Laravel Organization Blog Application

Project & Development Lead

- Designed and developed a responsive user interface for optimal viewing across devices.
- Integrated authentication and authorization mechanisms to ensure secure access control.
- Implemented robust CRUD functionality to manage blog posts, categories, and user accounts.