

KURT DENZEL R. CALACDAY

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EDUCATION

University of the East - Caloocan

Bachelor in Science in Information Technology

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

Metro Manila

June 2024

WORK EXPERIENCE

Mid Level Software Engineer - Flexicon Solution Inc.

July 2024 - Present

- 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.

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 (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 - Native

Certifications & Training: Google UX Design Professional - Coursera (Sponsored), Github Foundations - Github (Sponsored), API Security Architect - API Academy, IT for Business Success - HP, Learn Vue.js - Codecademy, Learn 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, 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: 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 Runn er-Up, Quiz Time of UE LITS (2021 - 2022)