

Noppadon Tongtrakoon

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Summary

Software Engineer with 1 year of experience in full-stack development using Vue3, Nuxt, TailwindCSS, and PHP Laravel framework, 3 years of experience in back-end development, IoT-data management using PHP Laravel on AWS Cloud services and Kubernetes, and deploying projects to Cloud services like Laravel Forge, AWS, and Azure services.

Professional Experience

Full-Stack Developer

May 2023 - Feb 2025

Wawa Service and Marketing Group Co., LTD.

Bangkok, Thailand

- Developed and maintained front-end features using Vue3 (Nuxt), NuxtUI, and TailwindCSS.
- Developed and maintained features for E-commerce and CRM web application APIs using Laravel.
- Integrated Shippop API via webhooks to automate parcel bookings.
- Accelerated mock data seeding by running static SQL queries instead of Laravel seeder files.
- Built a custom field form storage system using the Entity-Attribute-Value (EAV) model.
- Wrote shell scripts for initializing template web projects.
- Developed and deployed websites using AWS Amplify, Laravel Forge, and Azure services.
- Wrote REST API documents using Stoplight.

Software Engineer

Mar 2020 - Apr 2023

Energy Response CO., LTD.

Bangkok, Thailand

- Developed Kafka consumers in Python to process IoT data pipeline from Kafka topics.
- Developed and maintained REST APIs for web applications using the PHP Lumen framework.
- Optimized REST API performance by caching results in Redis.
- Optimized SQL slow queries by adding B-tree indexes and partitions in PostgreSQL.
- Developed unit tests and integration tests using PHPUnit and Pytest.
- Wrote REST API documents using Swagger.
- Developed and maintained new features of web applications APIs in 1-week sprints.
- Developed and integrated AWS IoT APIs to auto-generate policies and certificates for IoT things.
- Created a webhook integrated with Twilio to make a voice call operation.
- Created a webhook integrated with Freshdesk, Helpdesk ticketing system, to open, update, and close customer tickets via Line chats.
- Built custom data parsers using Python Abstract Syntax Trees.
- Developed and parsed base64-based data from IoT hardware, and transformed it with mathematical formulas to display for end-users.
- Integrated and configured Kubernetes Liveness Probes to keep the server alive.
- Developed AWS SQS consumers to generate CSV reports and published them to AWS S3.
- Developed KSQL Applications in Confluent Kafka.
- Developed Serverless Applications using AWS Lambda and AWS SAM.
- Tested REST APIs using Postman.
- Monitored Production Error logs after deployments.

Full-Stack Developer

Jun 2019 - Feb 2020

Net Cube CO., LTD.

Bangkok, Thailand

- Developed and maintained a human resources management web application for internal usage, using Angular and C# on the .NET Framework.

Education

Kasetsart University Sriracha Campus

- Bachelor's Degree in Computer Science 2019

Technical Skills

- **Languages & Frameworks:**

- PHP (Laravel), Python, C#, .NET Core
- TypeScript, HTML, CSS, Vue3, Nuxt3, TailwindCSS
- SQL

- **Database:**

- MySQL, PostgreSQL, Redis

- **Testing & Dev Tools:**

- PHPUnit, Pytest
- Postman, Bruno
- Git command
- Shell scripting

- **Cloud & DevOps:**

- AWS (Amplify, S3, EC2, SQS, RDS, IoT Core, Lambda, CodeBuild, CodePipeline, SAM)
- Azure (App Service, Blob Storage, MySQL Database)
- Laravel Tools (Horizon, Telescope, Pulse)
- Kafka, Confluent Kafka
- Docker, Kubernetes