Christopher Alabada
Software Engineer

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Professional History

Software Engineer
Basal Inc.
Tokyo, Japan
December 2023 - Present

- Designing and implementing a modular frontend application in TypeScript/React to facilitate low-code application development.
- Developing features and maintaining a proprietary microservices modular Rest API application using Typescript and Express.
- Evaluating software tests using Jest for unit tests, supertest for API tests, and Storybook JS for frontend pages and components testing.
- Engage with stakeholders to evaluate software features, write specifications, and implement code.
- Other responsibilities include maintaining GitHub Actions for CI/CD, updating OpenAPI and TSDoc documentation, and supporting clients using our proprietary software.

Software Engineer
CI&T
Tokyo, Japan
January 2020 - July 2023

- Involved with architecture design from gathering business requirements, writing technical specifications and documentation, POCs, implementation, testing, and deployment.
- Designed and implemented a scheduled data file parser application that retrieved CSV data from a WebDav service; used Node streams, AWS Lambda, and AWS SQS to insert data into a single-table designed DynamoDB table.
- Designed, created, and maintained APIs in Typescript on AWS Lambda Serverless and Microservices technologies using Lambda, API Gateway, DynamoDB, PostgreSQL, SQS, and Google Apigee.
- Refactored a loyalty points transaction system from different legacy systems to a monorepo/microservices application.
- Also worked on some DevOps and CI/CD with AWS, Terraform, Jenkins.

LAMP Developer
The Design People, Inc.
El Segundo, California
November 2008 - December 2018

- Developed and maintained WordPress plugins and internal tools.
- Created various scripts (Python, Bash, PHP) for our web servers hosting mostly WordPress sites.
- Managed multiple servers and cloud instances which hosts 5,000+ websites at Rackspace, AWS, and our own server cabinet utilizing Nginx/Apache and Nginx/PHP-FPM web servers.
- Managed custom modules for our proprietary CMS application which hosts roughly 2,500+ real estate websites.
- Coordinated with several developers to expand, customize, and maintain client's websites.
- Developed customized modules for MLS/IDX data feeds, which used RETS, XML, and CSV.

Summary

A resourceful software engineer with 14 years of experience ranging from Typescript and PHP to some software architecture and system design to Agile processes with a hint of Linux, DevOps, and CI/CD experience. Diligent and pragmatic with a passion for processes makes for a great addition to any team.

Technical Toolbox

Languages:
TypeScript, JavaScript, PHP, Ruby, Python, Bash

Frameworks:
Ruby on Rails, React, Vue, Express.js, Jest

Databases:
DynamoDB, PostgreSQL, MySQL, MongoDB, GraphQL

Additional Tools:
AWS (Lambda, API Gateway, SQS), Terraform, Jenkins, GitHub Actions, Docker, Apigee, Elasticsearch, Apache, Nginx, Linux, FreeBSD, Azure B2C, SonarQube, Git, Agile/Scrum methodologies

Education

Le Wagon, Tokyo
January 2019 - March 2019

A 9-week intensive coding bootcamp learning JavaScript ES2016, SQL, git, GitHub, Heroku, and Ruby on Rails.