Long Luong

Software engineer | Solution Architect | DevOps

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Summary

With over 5 years of experience as a software developer, I have accumulated extensive expertise in various domains including web, desktop, and mobile applications. In addition to my analytical mindset, I am particularly characterized by my empathetic approach and profound interest in technology trends. These abilities enable me to fully grasp requirements, structure them effectively, and align with relevant stakeholders, facilitating targeted and high-quality implementation thereafter.

Core skills

Backend
- Ruby on Rails (3)
- Java Spring Boot (3)
- .Net (3)
- PHP Symfony (2)
- Flutter (2)
- NodeJS (2)
- Postgres/MySQL (4)

Frontend
- HTML/CSS/JavaScript (3)
- VueJS (3)
- jQuery (3)
- Bootstrap (2)

DevOps
- Docker (3)
- AWS (3)
- Kubernetes (2)
- Microservice (3)
- Azure (1)

**Skill level: 1 = Beginner, 2 = Experienced, 3 = Advanced, 4 = Expert

Experience

Software Engineer | Solution Architect | DevOps - 11/2021 to present
CGI, Berlin

- Designed and implemented software solutions to enhance customer satisfaction.
- Wrote various tests to improve software quality.
- Provided cloud solutions to ensure 99.99% application availability and horizontal scalability during high-traffic peaks.
- Built CI/CD pipelines using GitLab, reducing deployment time by 50% on cloud infrastructure.
- Analyzed cloud infrastructure and helped clients optimize costs by 10-20%.
- Implemented and maintained cloud infrastructures using CDK Infrastructure as Code (IaC).
- Collaborated with product managers to refine user stories and acceptance criteria, improving alignment of development work with customer expectations.
- Engaged in code reviews and pair programming, ensuring high coding standards and sharing best practices.
- Upgraded the stylesheet and JavaScript compiler from Webpacker V5 to an alternative solution in a legacy Ruby on Rails application, ensuring software dependencies are up to date with the latest versions.

Software Developer – 01/2015 to 11/2021
WBS Training AG, Berlin

- Designed and implemented an internal software solution using modern technologies to help employees efficiently book meeting rooms.
- Integrated Gitleaks into the CI/CD pipeline to prevent accidental commits containing passwords or credentials, enhancing security and compliance.
- Collaborated closely with nearshore and cross-functional teams to redesign and implement new web and API applications for a legacy system using PHP Symfony, improving system efficiency by 30%.
- Improved an internal Windows application, reducing loading time by 20%
- Analyzed software and performed bug fixing.
- Integrated third-party services through API development, expanding the app's functionality and enhancing user engagement.
- Maintained comprehensive documentation for application usage and administration.

Project Highlights

Administration for Gitlab Enterprise
- Updating GitLab to the latest version and applying patches.
- Maintaining GitLab infrastructure on Kubernetes using AWS CDK Infrastructure as Code (IaC).
- Monitoring system performance and optimizing resources using Prometheus and Grafana.
- Customizing GitLab to fit the organization's workflows.
- Maintaining comprehensive documentation for GitLab usage and administration.

Web and App applications development
- Designed and implemented a new software solution using modern web and app technologies to deliver the highest software quality to clients.
- Set up AWS infrastructure for various environments, including production, and established CI/CD pipelines on GitLab for mobile and web applications.

Education

Master of Engineering: **Computer Engineering** 2017 - 2019

Bachelor of Science: **Engineering Informatics** 2013 - 2017

HTW, Berlin

Languages

German – fluent
English – fluent
Vietnamese - native

Courses

AWS Solution Architect Associate.
AWS Well-architect framework.