

Duc-Huy Do

[linkedin.com/in/duchuydo/](https://www.linkedin.com/in/duchuydo/)

Lead engineer with strong technical background and industry experience in delivering enterprise grade solutions, in particular with cloud infrastructure following micro-service architecture.
Experience in leading scrum teams in Agile environments within diverse sized verticals.

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eligible to work for any employer in the US
email contact preferable

EXPERIENCE

TikTok, Seattle, USA— Sr Site Reliability Engineer

SEP 2023 - CURRENT

Led SRE team for content safety moderation platforms

Architected and implemented automation solutions for systems availability and performance
[GoLang, SQL, Hertz, KiteX]

Architected and implemented capacity resource allocation web application [Node.js, Typescript, GoLang, SQL, Hertz, KiteX]

Architected and implemented alarm handling management system [Node.js, Typescript, GoLang, SQL, Hertz, KiteX]

Deloitte, Seattle, USA— Sr Specialist

JAN 2021 - AUG 2023

Led consulting strategies for cloud applications suitability and migration patterns [AWS]

Led development team for infrastructure architecture automation of compute instances and container nodes [AWS, Terraform]

Architected and implemented platform for developing and deploying containerized applications and cloud native solutions for web applications [AWS, GCP, Terraform, Python, Kubernetes]

GE Healthcare, Seattle, USA— Sr Software Engineer

DEC 2017 - OCT 2020

Led development team for self service developer portal following healthcare quality management processes. Platform serving over 800 registered users, 30 partners, 300 published catalog items

Designed and implemented content management web application following API driven serverless architecture including use of containerization services [AWS CloudFront/Route53/Cognito/API Gateway/Lambda/Stepfunctions/EC2/ECS/EKS/S3/RDS/ Redshift/CloudWatch/Quicksight, Drupal, APIgee, Node.js, Angular, Python, Docker, Kubernetes]

Architected and designed infrastructure for native cloud application following best practices of well-architected frameworks with automated deployment through templates for build and release [AWS CloudFormation, Terraform, Python, Node.js, Angular, NoSQL, Drupal, APIgee]

TSRI, Kirkland, USA— Software Engineer

JAN 2016 - DEC 2017

Designed and implemented pipeline for cloud infrastructure for web application based on java frameworks with Apache servers [AWS, Python, Java, Node.js, Maven, Gradle]

Developed full-stack web application for documents auditing [Java, Apache Tomcat, Node.js, Angular, PostgreSQL, MySQL]

Worked on backend services for source code transformation [Java, C++, ANTLR]

Tyemill, Seattle, USA— Software Engineer

JUN 2015 - SEP 2015

Designed and implemented backend services for financial portfolio management web application [Ruby, Heroku]

SKILLS

Java, Python, GoLang

Node.js, Angular

Javascript/TypeScript/HTML/CSS

SQL, NoSQL

Kubernetes, Docker

Terraform/CloudFormation

AWS

BACKGROUND

Full stack web application development

Cloud architecture and development

Serverless and containerization

Infrastructure as Code

Agile methodologies and Software Development Life Cycle

EDUCATION

University of Washington, USA
Masters in Computer Science

University of Washington, USA
Bachelors in Mathematics

LANGUAGES

French - native

Vietnamese - native

Spanish - intermediate