

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 native services architecture.
Experience in leading scrum teams in Agile environments within diverse sized teams. Multilingual professional.

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

EXPERIENCE

Deloitte, Seattle, USA— Sr Specialist

JAN 2021 - CURRENT

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

Led SRE team for infrastructure architecture automation for 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, Angular, 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

DEC 2015 - 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 [JavaEE, Apache Tomcat, Node.js, Angular, PostgreSQL, MySQL]

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

Tyemill, Seattle, USA— Software Engineer

JUN 2015 - SEP 2015

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

TMA Solutions, Ho Chi Minh City, Vietnam - Software Engineer

JUN 2014 - SEP 2014

Designed backend service for image processing of cells biology [R, Python, C++]

EDUCATION

Amazon Web Services Certified Developer Associate certification
MAY 2020 - MAY 2023

University of Washington, USA — Masters in Computer Science

University of Washington, USA — Bachelors in Mathematics

SKILLS

AWS (certified)

Terraform/AWS CloudFormation

Java, Python

Node.js/Typescript

Javascript/HTML/CSS

SQL, NoSQL

Kubernetes, Docker

BACKGROUND

Cloud architecture and development

Infrastructure as Code

Full stack web application development

Serverless and containerization with REST APIs

Agile methodologies and Software Development Life Cycle (QMS, ALM)

LANGUAGES

French - bilingual

Vietnamese - native

Spanish - intermediate