

Duc-Huy Do

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

Lead engineer with strong technical background and industry experience in designing enterprise grade solutions, specifically for cloud infrastructure following micro service architecture.
Experience in leading scrum teams in Agile environments from diverse sized companies. Multilingual professional

+1(541) 604-2147

duchuydo.ddh@gmail.com

US Citizen

(email contact preferable)

EXPERIENCE

[GE Healthcare](#), Seattle, USA — Sr Software Engineer

DEC 2017 - CURRENT

Led development team of [cloud platform](#) from product specification to implementation and release following healthcare quality management processes. Platform serving over 800 registered users, 30 partners, 300 published catalog items in marketplace.

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]

[Censeo Insight Inc](#), Seattle, USA — Software Engineer Consultant

SEP 2017 - CURRENT

Designed and implemented data warehouses and ETL strategies with REST APIs including web-based user interface [Java, Node.js, Angular, Wildfly, SQL]

Developed full-stack web application for map planning services based on Java frameworks and micro service architecture [Java, Node.js, Angular, SQL]

[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

Worked on 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

AUG 2016

[University of Washington](#), USA — Bachelors in Mathematics

JUN 2014

SKILLS

AWS (CloudFormation)

Java, Python

Node.js/Typescript

Javascript/HTML/CSS

SQL, NoSQL

Kubernetes, Docker

BACKGROUND

Full stack web application development

Build and release, CI/CD pipeline

Cloud development and infrastructure

Serverless, containerization with REST APIs

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

LANGUAGES

French - bilingual

Vietnamese - native

Spanish - intermediate