Duc-Huy Do

linkedin.com/in/duchuydo/

+1(541) 604-2147
duchuydo.ddh@gmail.com
US Citizen

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

EXPERIENCE

GE Healthcare, Seattle, USA— *Sr Software Engineer*

DEC 2017 - CURRENT (promoted to senior in JUL 2019)

Led development team of cloud platform from product requirement specification to release with service-level agreement. Platform serving over 800 registered users, 30 partners, 300 published catalog items and 2M API calls.

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. *[AWS CloudFormation, Terraform]*

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, Angular, Gradle, Wildfly]

Developed full-stack web application for map planning services based on Java frameworks and micro service architecture [JavaEE, Angular, Gradle, Widfly, 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, Maven, Gradle]

Developed full-stack web application for documents auditing *[Angular, Java, PostgreSQL]*

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 on Rails, 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 and Software Engineering*
AUG 2016

University of Washington, USA — *Bachelors in Mathematics*
JUN 2014

SKILLS

Java, Python

Javascript/Typescript, HTML/CSS

SQL, NoSQL

Docker, Kubernetes

RESTful API

AWS, CloudFormation

BACKGROUND

Serverless and containerization

Cloud development and infrastructure

Web application development

Agile methodologies and Software Development Life Cycle

LANGUAGES

French - bilingual

Vietnamese - native

Spanish - intermediate