

Duc-Huy Do

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US Citizen

EXPERIENCE

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

DEC 2017 - CURRENT

Led development team of Edison Commercial Cloud Platform from design to implementation and release in a healthcare industry. Platform serving about 800 registered users, 30 partners, 300 published catalog items with 1.6M calls.

Designed and implemented cloud application with content management system and microservice architecture including serverless and containers. [AWS QuickSight/CloudFront/API Gateway/Lambda/EC2/ EKS/StepFunctions/DynamoDB/S3/Redshift/CloudWatch/XRay, Drupal, Apigee, Angular, Docker, Python]

Architected and designed infrastructure for native cloud application following best practices of well-architected frameworks and infrastructure as code [AWS, CloudFormation, Terraform]

TSRI, Kirkland, USA— *Software Engineer*

DEC 2015 - DEC 2017

Designed and implemented pipeline for cloud infrastructure of web application [AWS, python]

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

Worked on backend services to automate source code transformation [Java, 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, WA, USA — *Masters in Computer Science and Software Engineering*

SEP 2015 - AUG 2016

University of Washington, WA, USA — *Bachelors in Mathematics*

SEP 2012 - JUN 2014

SKILLS

AWS (CloudFormation)

RESTful

Python, Java

SQL, NoSQL

Docker

HTML, CSS, Javascript

BACKGROUND

Serverless and containerization

Cloud development and infrastructure

Web application development

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

LANGUAGES

French - bilingual

Vietnamese - native

Spanish - intermediate