Contact

www.linkedin.com/in/
nguyentrangiahung (LinkedIn)
github.com/happyhung95 (Other)
www.happyhung.com (Portfolio)

Top Skills

Product Road Mapping

User Stories

Sprint Planning

Languages

English (Full Professional)

German (Elementary)

Finnish (Elementary)

Vietnamese (Native or Bilingual)

Certifications

Python From Scratch

CSS - The Complete Guide 2020
(incl. Flexbox, Grid & Sass)

Modern React with Redux [2020
Update]

Revit 2017 Essential Training:
Architecture

Full Stack Development

Publications

Passive Houses in Cold Climates:
An Overview for Homeowners and
Architects

Hung Nguyen (Hưng)

DevOps Team Lead @ One Click LCA | Full stack Engineer

Ho Chi Minh City, Vietnam

Summary

As a DevOps Team Lead at One Click LCA, I manage, maintain,
and design new components in the cloud infrastructure on AWS, as
well as deliver features for enterprise customers. I have improved
the performance of numerous features ranging from 30% to 300%,
including the core and most used calculation feature by 50%. I have
also introduced Infrastructure as Code concept using Terraform into
the DevOps processes, developed CI/CD templates that can be
applied to multiple services with ease and developed the monitoring
system in our company's platform.

I am a responsible, cheerful, and down-to-earth person, and a team
player who values practicality and simplicity at work. I am open-
minded, eager to learn, and honest, and I am constantly seeking for
challenges in Backend/Fullstack Development.

Experience

One Click LCA

4 years 6 months

DevOps Team Lead

June 2023 - Present (1 year 10 months)

Helsinki Metropolitan Area

Developed and implemented a Jenkins-based deployment framework,
enabling rapid expansion of number
of service offerings from 2 to 50 and growing.

• Managed AWS infrastructure for microservices in ECS, enhancing
performance and scalability.

• Implemented access control and authorization policies for AWS resources,
ensuring secure and compliant
operations.

• Maintained platform security, availability, and reliability; led incident response
and post-mortem analysis to
uphold service standards.

• Spearheaded the containerization and modernization of a legacy monolithic application, introducing
scalability and improving availability. Similarly, migrated standalone MongoDB database instance to cluster
with little downtime.
• Continuously optimized AWS resource usage to reduce costs, implementing cost-saving measures without
compromising on performance or reliability.
• Developed guidelines for development teams on creating new services securely, with integrated
observability capabilities.

DevOps Team Lead and Lead Developer Enterprise Squad
November 2022 - June 2023 (8 months)
Helsinki, Uusimaa, Finland

Manage, maintain and design new components in the infrastructure on AWS.
Manage team to deliver features for enterprise customers.

Platform Team Lead
November 2021 - December 2022 (1 year 2 months)
Helsinki Metropolitan Area

Platform Team Responsibilities:
• Managed AWS cloud infrastructure, focusing on scalability and security enhancements.
• Optimized application and infrastructure performance through code refactoring and architecture redesign.
Team Achievements:
• Achieved performance improvements ranging from 30% to 300% across various features, with a notable 50%
enhancement in core functionality involving heavy calculations.
• Integrated ELK for advanced monitoring and log aggregation, enhancing operational insights.
• Adopted Infrastructure as Code (IaC) with Terraform and Ansible, streamlining DevOps processes.
• Implemented containerization and CI/CD pipelines, improving deployment efficiency and system resilience.
• Strengthened infrastructure security and reduced vulnerabilities significantly.
• Deployed Single Sign-On (SSO) using Keycloak and Spring Cloud Gateway, improving user access
management

Software Developer
October 2020 - November 2021 (1 year 2 months)
Helsinki, Southern Finland, Finland

• Developed and maintained OneClick LCA, Bionova's flagship Life Cycle
Assessment tool, leading in its
industry.
• Managed server operations and constructed CI/CD pipelines, enhancing
deployment efficiency.
• Automated software deployment processes, saving 10-15 minutes per
deployment, and optimized other
processes to reduce runtime by over 50%, eliminating the need for developer
involvement in these
operations.
• Utilized technology stack including Groovy on Grails, jQuery, Bootstrap,
MongoDB, and Jenkins for
development and operational tasks.
• Established a code review workflow and secured Github organization &
repositories, enhancing code quality
and security.
• Documented critical operational and development processes.

Integrify ©
Full Stack Developer
May 2020 - October 2020 (6 months)
Helsinki, Southern Finland, Finland

Completed an intensive 4-month-long training program in Full-Stack
Development at Integrify. Focusing on React, TypeScript, AWS, NodeJS,
and MongoDB / PostgreSQL among others. Curious? See the full curriculum
below.

Lightning McHung
Self Employed and Coding Learner
May 2019 - October 2020 (1 year 6 months)
Helsinki Area, Finland

- Managed a chauffeur service - Lightning McHung.
- Partnered with HSL to offer ride-sharing service - Viavan.
- Actively learnt programming at SDA in Helsinki from Oct 2019

Passive House Association Finland
Contributing Member
September 2018 - May 2019 (9 months)

"The Finnish Passive House Association promotes the international passive house standard for healthy, comfortable and energy efficient buildings. The association collaborates with the Passive House Institute and other passive house associations worldwide, as well as with local stakeholders, focusing on solutions for successful passive houses in cold climates." - Rossi S., the association's Co-Founder

My responsibility includes
- Collected data and studied the built passive houses in cold climates.
- Wrote contents and presented the study cases (passive house projects) on the association's website.

Delsus Oy
Building Modeling
October 2017 - February 2018 (5 months)
Helsinki Area, Finland

The City of Porvoo (Finland) requested energy certificates for 60 public buildings, which required digital building models for energy calculations.
My job was to collect the details of the buildings from drawings in the city's archives and from architects. SketchUp models were built to determine the areas, volumes and location of the openings of each building.

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Education

Integrify
Training, Information Technology · (2020 - 2020)

Software Development Academy
Python Developer, Information Technology · (2019 - 2020)

Metropolia University of Applied Sciences
Sustainable Building Engineering, Civil Engineering · (2015 - 2019)