




# MINH HOANG

## SOFTWARE ENGINEER

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### ABOUT ME

I'm a passionate software engineer with over 5 years of experience in full-stack web and cloud development, currently based in Finland. I specialize in building high-performance, reliable applications that solve real-world problems. Known for my adaptability and love of learning, I thrive in collaborative environments where I can take projects from concept to deployment, leveraging new technologies to create practical, user-friendly solutions. Whether it's crafting seamless user experiences or tackling complex technical challenges, I'm driven by the opportunity to deliver innovative solutions that truly make a difference.

### EDUCATION

#### Master of Science - MS, Software, Web & Cloud

Tampere University  
Sep 2023 - Present

#### Bachelor's degree, Information Technology

Vaasa University of Applied Sciences  
Aug 2018 - May 2022

### SKILLS

- TypeScript
- JavaScript
- React
- Node
- Vue
- AWS
- Git
- Scrum
- PostgreSQL
- Golang
- MongoDB
- Jest
- Docker
- Jenkins
- Material-UI
- Vite
- Java
- Dash/HLS

### WORK EXPERIENCE

#### Viaccess-Orca

Software Engineer

Tampere, Finland  
May 2024 - Dec 2024

+ Contributed to developing an HTML5-based video player for OTT devices, focusing on managing and coding the advertisement module. Ensured secure content delivery and seamless ad integration for a consistent user experience across web browsers and Smart TVs. The video player is utilized by Orange France, Orange Spain, and Turkcell.

**Technologies:** React, TypeScript, JavaScript, Jest, Dash, hls

#### Cargotec Oyj

Software Engineer

Tampere, Finland  
May 2022 - Apr 2024

+ Developed a Green Calculation tool to find what optimizes the motor's usage in an energy-efficient manner, which can be reached by making a Variable Frequency Drive (VFD) upgrade of your Posgrunn steering gear.  
+ Worked as a part of Kalmar PQT development team to build a factory floor checklist for Kalmar machines which will be used in all Kalmar MAUs with all types of Kalmar machines.

+ Implemented calculation for twistlock foundation and lashing eye plates calculation feature in MacGregor Tendering tool.

**Technologies:** React, Node, Typescript, JavaScript, Material-UI, Amazon Web Services (AWS), PostgreSQL, Jest

#### Sofia Digital Oy

Software Developer

Tampere, Finland  
Mar 2021 - May 2022

+ Engaged in the development, testing, and maintenance of HbbTV and SmartTV applications across various TV platforms (Android, LG, Samsung, Tizen, etc.) for esteemed international media companies including RTM, ETV, and Ruutu.

+ Contributed to the creation of a website catering to the streaming services (VOD, live streaming, and radio) for RTM (Radio Television Malaysia).

+ Implemented Shaka player module for the Reference application (internal testing application at Sofia Digital).

**Technologies:** Vue, Node, JavaScript, VideoJs, Java, Go Native, Shaka, jQuery, Jenkins, Docker, Android Studio, Jest, Dash, HLS

#### SkyEcho B.V.

Software Developer

Rotterdam, Netherlands  
Apr 2020 - Dec 2020

+ Engaged in development and maintenance of a web-based application focused on visualizing and manipulating precipitation data sources.

+ Integrated authentication and set up CI/CD(AWS Amplify, AWS S3 Bucket, AWS Route53, GitLab CI).

**Technologies:** React, TypeScript, Amazon Web Services (AWS), Mapbox, GitLab CI

### LANGUAGES

- English - Professional working proficiency
- Vietnamese - Native or bilingual proficiency