MINH HOANG

SOFTWARE ENGINEER

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ABOUT ME

I am a software engineer with over 5 years of experience in full-stack web and cloud development, based in Finland. With a strong background in building high-performance, reliable applications, I enjoy leveraging new technologies to create practical, end-to-end solutions. Known for my adaptability and commitment to learning, I continually sharpen my skills to deliver efficient, user-friendly applications that drive real impact.

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
- NextJS
- AWS
- PostgreSQL
- MongoDB
- Git
- Java
- Spring
- Jest
- Docker
- Jenkins
- Scrum
- Software design
- Testing
- Mapbox

LANGUAGES

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

WORK EXPERIENCE

Viaccess-Orca

Software Engineer

Tampere, Finland
May 2024 - Present

+ Contributed to developing an HTML5-based video player for OTT devices, ensuring secure content delivery and a consistent experience across Web browsers and SmartTVs
+ Worked on integrating libraries into HTML pages, meeting content security standards and addressing client fragmentation.
Technologies: React, TypeScript, JavaScript, Jest, Dash, hls

Cargotec Oyj

Software Engineer

Tampere, Finland
May 2022 - Feb 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