

AN NGUYEN

✉ nhatan020902@gmail.com | ☎ +358 417 283 306

🔗 [LinkedIn](#) | 💻 [GitHub](#)

ABOUT ME

Full-stack web developer with hands-on experience in building scalable web applications using React.js, Ruby on Rails, and AWS. Strong ability to optimize backend performance and build solutions that enhance user workflow and system maintainability. Passionate about clean architecture, automation, and cloud-native development.

PROFESSIONAL EXPERIENCE

Adalia Oy – Full-Stack Web Developer

May 2023 – Present | Tampere, Finland

- **SmartME Global**
 - Implement feature from customer requirements, draft design and implement across frontend and backend
 - Improve backend performance by several times by refactoring, optimizing SQL queries and cross services interaction to improve request time by 10x, improved UX and scalability.
 - Integrate third-party features, APIs into the system for advanced data visualization and better user workflows
- **Deployed and maintained production updates for a nationally recognized web service (award and client details confidential).**
- **Set up backups and version control for production environments.**
- **Consistently implement features, optimization, and deployment across different projects using React, Ruby on Rails, and SQL.**

Optoelectronics Research Centre – Research Assistant

Jan 2021 – Apr 2023 | Tampere, Finland

- **MATLAB-based software development for hardware control**
 - Update, optimize, and document MATLAB code interfacing with GPIB
- **3D modeling, assembling a setup for simulations of semiconductor devices**
 - Used SolidWorks for accurate modeling of the setup and KiCad for electronic design
 - Upgraded an in-use setup so that simulations can have two times more wavelength range.
- **Runs simulations for discrete laser**

PERSONAL EXPERIENCE

- **E-commerce Website (React.js, Redux, Firestore, Stripe, Heroku)**
 - Built a full-stack online store with Google authentication, shopping cart, and secure Stripe checkout.
 - Implemented lazy loading and mobile responsiveness for better UX.
 - Managed app state and product data with Redux and Firestore.
 - Deployed on Heroku with scalable, maintainable architecture.
- **Event Management Web Application (Bachelor's Thesis) (AWS: Lambda, API Gateway, RDS, S3, Cognito)**
 - Designed a full-stack serverless web app to support event creation, registration, real-time updates, and image uploads.
 - Focused on cost-effective, scalable architecture under AWS Free Tier.
- **Other Projects:**
 - Face Recognition Web App
 - Meal Ordering Mobile App
 - Personal Portfolio Website

EDUCATION

Tampere University

Master of Computing Sciences | Sep 2023 – June 2025

- **Major: Software, Web & Cloud**
- **GPA: 4.1 / 5.0**

Tampere University

Bachelor of Science and Engineering | Sep 2020 – June 2023

- **Major: Software Engineering | Minor: Human-Technology Interaction**
- **GPA: 4.33 / 5.0**

SKILLS

Languages: Python, C++, Java, JavaScript/TypeScript, MATLAB, SQL, Haskell, Scala, Ruby

Frameworks & Libraries: React.js, Node.js, React Native, Ruby on Rails, Redux

Tools & Platforms: AWS, Git, PostgreSQL, Redis, Cloudflare, REST API, WebSocket, UDP, Jira

Languages Spoken: Proficient in English