

# ANH NGUYEN

## SOFTWARE DEVELOPER

I'm an experienced software developer who is passionate about designing stunning and functional user experiences. Besides UI/UX focus, I solve real business problems through software development by listening to stakeholders and focusing on the issues that matter. I believe in well tested software and therefore automation tests are always present in my products

## WORK EXPERIENCE

2021 - 2023

Intergrify, Finland

### Full-stack Developer

Works on SMS (Student Management System), a web service for Intergrify's recruiter and teachers to manage students and classes, developed with React for the frontend, and Nestjs for the backend. Users are able to check student information, classes, schedules, and drag and drop applications across different stages in a recruitment process, which can trigger automated action like email and notification configured by certain stages. Since we handle large amount of applications, I helped improve the performance in our UI by implementing pagination and caching for milliseconds responses. I take security seriously by ensuring proper permissions and access rights on our S3 buckets, where we store student information, and have a proper role based access control system in the API to have fine-grained permissions for students and teachers. I utilize AWS to its fullest and improve the backend scalability by having instances in standbys in case of failure.

2021

Be My Guest Restaurant, Finland

### Front-end Developer

Took over the maintenance of the restaurant's website by re-design and update site content according to the owner's wishes. I designed and built a blog page for the restaurant using Gatsby with static rendering for a smooth and fast user experience. The blog features the restaurant's posts and pictures from Instagram, which are fetched dynamically from the Instagram API. The authentication to Instagram API is done by OAuth, which acquires a short-lived access token to query for media assets.

## PROJECTS

### Helsinki City Bike

Full-stack application for viewing Helsinki bikes stations and journeys on the map. Pagination is used to display millions of data rows from MongoDB. The data is imported from csv using bash scripting with validation. For sub milliseconds API response, Redis cache is used to return cached data to the client. The project utilises Docker for deployment and development with a CI/CD pipeline from Github Actions.

### Dior E-commerce

Fullstack application inspired by Dior website. Users are able to login, checkout cosmetics products and make an order. Different authentication methods are possible with either email/password or using Google Oauth with password reset through email confirmation sent by Sendgrid. The site is integrated with Stripe for payment processing. The code is well tested with integration test using Jest.

### E-commerce landing page

A fast loading landing page built with NextJS. The site is static rendered for ultra fast loading time. The page is designed with responsive and accessibility in mind and deployed to the internet using Vercel.

## CONTACT



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<https://andreadev-portfolio.netlify.app/>



<https://github.com/Andreaa-Dev>

## SKILLS

TYPESCRIPT

REACT

ANGULAR

REDUX, NGNX

EXPRESS

POSTGRESQL

MONGO BD

TESTING

GITHUB ACTION

DOCKER

FIGMA

## EDUCATION

2019 - 2022

ENVIRONMENTAL ENGINEERING

SOUTH EASTERN UNIVERSITY OF  
APPLIED SCIENCE

## HOBBIES

Socialising with friends and family, playing badminton, billiards on a weekly basis, solving puzzles and computing (creating and designing software and website).