DUC THINH NGUYEN (He/Him/His)

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EDUCATION

Oulu University of Applied Sciences   Oulu, Finland
Bachelor of Engineering   Aug 2019 - May 2023

Cumulative GPA: 3.53
- Degree Programme in Information Technology – Web Development
- Coursework: Web Development, Software Engineering, Databases, Programming Frameworks, RestAPI, Mobile Application, IoT, Cloud Services, Linux system.

WORK EXPERIENCE

Keyloop   Oulu, Finland
Intern Backend Developer   Jan 2022 - Sep 2022

- Responsible for the server side of a project that is an internal service for developers and testers to test API Platform APIs. The purpose was to improve the user experience so that users could be able to do basic operations for Sample DMS via UI (e.g. create, read, update and delete entities).
- Following agile methodology and collaborating with other developers
- Participated in code reviews and provided valuable feedback, leading to a 30% reduction in bugs and enhanced code quality.

PROJECT

Keyloop   Oulu, Finland
Sample DMS project   Jan 2022 – Sep 2022
- OpenAPI, entities as objects, can contain entities as separate schema(only for visualization purposes. UI + BFF, add new entity(1st phase as JSON payload).
- List existing entities, grid with type, id, and payload. Separate view for payload.
- Make the call for entity GET using the API platform client. Make the call for entity POST using the API platform client.

Oulu University of Applied Sciences   Oulu, Finland
*Online T-shirts Store: E-Commerce Web Application(*https://e-commerce-t-shirt-website.netlify.app/*)*   Sep 2022 – April 2023
- The T-shirt E-commerce site was built to provide customers with various T-shirts for purchase. In order to facilitate online purchases, a shopping cart was provided for users. The T-shirt web application did not have the backend and front-end parts. This thesis project aimed to improve the user experience so customers can do basic operations for T-shirt e-commerce stores via a UI.
- Backend: Design database schema and implement backend services. Develop API for the product and user.
- Frontend: Design UX/UI and implement the solution based on the requirements. Complete interface for functions and connection to server-side.

SKILLS & INTERESTS

- Programming Languages: JavaScript, Typescript, Python, HTML, CSS, C# .Net, PHP.
- Frameworks: React, React Native, Node.js, ExpressJS, WebAPI.
- Database Management Systems: MySQL, MongoDB, DynamoDB.
- Cloud: Azure, AWS.
- Version Control: Git
- Toolkit: Bootstrap, TailwindCSS.
- API Design: REST APIs
- Testing: Unit test, TDD, Automation test(Jest, Mocha, Chai)
- Other: Github Actions, speak fluent English