Ha Dao

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About Me

Motivated Software Developer with strong interests in frontend and backend development. Experienced with Python, SQL, React, Next.js and C++. Passionate about building user-centric applications and supporting digital transformation in manufacturing.

Education

SeAMK - Seinäjoki University of Applied Science   **Expected Graduation: May 2027**
Bachelor of Engineering, Automation Engineering   *GPA: 4.53/5*

- **Coursework**: Data Structures and Algorithms, Database, Software Engineering, Object-Oriented Programming, Server Side Programming, Client Side Programming, Programming Fundamentals with Python, C++ Programming.

Projects

E-commerce App | *Website* | *GitHub*   **Next.js, TypeScript, ExpressJS, MongoDB**

- Designing and developing a full-stack e-commerce web application with a responsive UI and scalable backend using Next.js, TypeScript, Tailwind CSS, Shadcn UI, Express.js, and MongoDB.
- Implemented JWT-based authentication with Passport.js and bcrypt along with dynamic product sorting; cart functionality and token-based user flows are under development.
- Planned features include secure checkout with Stripe, order management, advanced filtering, and email notifications.

Personal Portfolio | *Website* | *Source code*   **Next.js, Tailwind CSS**

- Created a personal portfolio site with Next.js and TailwindCSS to showcase projects, skills, and enable visitors to send messages via a contact form.

Phonebook Fullstack | *Website* | *Source code*   **ReactJS, ExpressJS, NodeJS, MongoDB**

- Built a full-stack phonebook app with React, Express, and MongoDB, featuring full CRUD operations and search along with filter functionalities.

Blog Project | *Website* | *Source code*   **ReactJS, Node.js, ExpressJS, MongoDB**

- Developed a full-stack blog platform using React, Node.js, and MongoDB with JWT-based authentication, blog CRUD operations, and user notifications.
- Implemented access control to ensure only the author of a blog can delete their own posts.

Technical Skills

- **Languages:** JavaScript, TypeScript, Python, C++, HTML, CSS, SQL
- **Libraries/Frameworks:** ReactJS, Next.js, Bootstrap, Tailwindcss, Shadcn/ui, Node.js, Express.js, Mongoose
- **Developer Tools:** GitHub, Cypress (testing), SQLite, MongoDB, MatLab

Certifications

- Full Stack Open - University Of Helsinki
- Web Development Bootcamp - Udemy

Languages

- English (Professional working proficiency)
- Finnish (Limited working proficiency)
- Vietnamese (Native)