

Yuta Akeno

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SUMMARY

I am a full-stack developer with a professional background as a technical advisor for merchant ships. I am passionate about creating superior products and continuously acquiring new knowledge. With a 10-year career in the maritime industry, I have cultivated a strong work ethic, cross-functional teamwork, attention to detail, and developed problem-solving skills.

SKILLS

- Python, Django, C#, ASP.NET, JavaScript, React, Next.js, Node.js, HTML5, CSS, Bootstrap, PHP, Laravel
- SQL, MySQL, PostgreSQL, MongoDB, Docker, OOP, Frontend, Backend, Git, unit test, OpenCV
- English (Advanced), Japanese (Native), Spanish (Intermediate)

EXPERIENCE – PROJECTS

Donation Tracking App

09/2023-12/2023

Collaborated with Bethany Baptist Church and created a full-stack application by using Python and Django in combination with PostgreSQL. Responsibilities included designing the system and database model, as well as implementing the entire backend functionality. Dockerized it for streamlined team development.

Opinion-Voting App

06/2023-08/2023

Created a social networking application for voting and providing voting results. Employed React and Next.js for the frontend interface. On the backend, utilized PHP and Laravel in combination with a PostgreSQL database to create APIs. This application implements authentication, posting, voting, and liking features.

Merchant Ship-Rating App

10/2023-11/2023

Built an application for rating merchant ships using C# and ASP.NET in combination with MySQL to create APIs and React for the user interface. Application includes validation to XML with XSD and storing it in the database. Deepened understanding of Object-Oriented Programming principles.

Fish Response Measurement System to Color Light Stimulus

08/2010-02/2011

Developed a script in C++ to control LED lights, feeding mechanisms, and cameras following predefined test patterns for investigating fish color vision. Captured image data and processed it using OpenCV to generate output of the analysis results. This was a collaboration project with the Hakkeijima Aquarium in Japan.

EDUCATION

Diploma in Web Development and Internet Applications

09/2022-12/2023

Algonquin College

- Dean's Honors List, Cumulative GPA 3.97 / 4.0

Bachelor's Degree in Maritime Systems Engineering

04/2007-09/2011

Tokyo University of Marine Science and Technology

PROFESSIONAL EXPERIENCE

Technical Advisor of Merchant Ships | NYK Bulk & Project Carriers LTD., Tokyo, Japan

10/2017-06/2022

- Supported the operations and sales departments, providing them with technical solutions to ensure the safe and smooth operation of over 100 merchant ships.
- Proposed and implemented a new approach for safety activities, leading to a reduction of incidents by more than 20% year-over-year and a 50% reduction in navigation accidents.

Navigation Officer | NYK LINE, Tokyo, Japan

10/2011-09/2017

- Chief Officer with comprehensive expertise in navigation, ship maintenance, safety and security activities, and cargo operations on various types of merchant ships.