

RECENT EXPERIENCE

Full-stack Developer, School of Code

- Experience in agile development methodologies and a human-centered design approach. Adept in utilising agile sprints, scrum poker, and dot voting, while also playing the role of Scrum Master.
- Proficient in both back and front-end development, with experience in building projects using technologies such as Node.js, Express.js, MongoDB, MySQL, PostgreSQL, Couchbase, and React, Next, Tailwind, SASS. Can build Entity-Relationship Diagrams (ERDs)
- Strong knowledge of UI/UX design principles and tools such as Figma, Miro, and Trello
- Pair programming, weekly hackathons; Led backend team in the final week project and school's coding club project

OTHER EXPERIENCE

Merchant Navy Officer

2013 - 2022

State Hydrographic Service of Ukraine, Transship, Nordic Tankers, FrontLine, Sea Tank Chartering, Columbia Shipmanagement, worldwide

- As a Merchant Navy officer, I have expertise in operating sophisticated navigation and cargo systems such as ECDIS, ODME, and INMARSAT. I have observed that many companies develop similar technologies with different user interfaces, which can create challenges for ship officers who must quickly adapt to new equipment upon joining a ship. I have also discussed these challenges with developers and industry experts at the Human Centred Design forum at INMARSAT headquarters in London in 2019. My unique perspective as a ship officer, with knowledge of seafarers' user stories, allows me to contribute to software development by understanding and addressing the needs of end-users, which is often overlooked by developers who supply these technologies to ship owners.
- Shipborne work is accompanied by strictly following numerous checklists on testing and operation of ship systems. The idea is not strongly different from DevOps testing checklists. Very similar to agile sprints or continues integration iterations, while compiling voyage/cargo plans, I apply a similar technique that includes assessment, planning execution and monitoring. Moreover, like ESLint in React, ECDIS displays an immediate feedback alert in case of a wrong input of type, numeric or logical parameters. Similarly, to jest unit and system testing using it/test and expect/toBe methods, I was testing navigation and cargo equipment. For example, ODME – where numeric values need inputting to check the algorithms and logical compiling of the equipment to ensure its operational performance and how it affects other parts of the cargo system by checking if the inputted values would compile into expected/toBe values. On the same level as pilots navigate the planes, I navigate the ships, critical thinking and decision making is vital. One error may cause devastating consequences. Example of other skills/duties include but not limited to work under excessive pressure, leading teams of people and prioritising tasks based on urgency and importance.

PROJECTS

Final Project (Work in Progress)

- Full-stack app written in Next and Node using Tailwind and MongoDB. Developed backend for the app, introduced MongoDB to the backend team and provided training. Styled pages and components using Tailwind. Agile planning, problem solving, prioritising tasks based on urgency and importance during scrum meetings. Worked on authorisation and authentication.

Weather Checker

- A fully responsive website written in Typescript using React. Auth0 is implemented for authentication, It has multiple page routing and fetches three APIs (geolocation and openweathermap). The app allows the user to check the weather forecast in their current location, location of their choice and a five day forecast with the option to see daily and three hourly slots forecast throughout a five day period. A five-daily forecast also shows location options while user enters their location. SASS used for styling. Deployed using Netlify.

Booki - Turn Mock-ups Into a Web Page with HTML & CSS. My first ever built static HTML and CSS mockup

MyPortfolio - My portfolio website deployed on AWS. More projects will be added to the portfolio. Written in React. It has implemented React Hooks, Routes, Dark Mode Toggle, Multi Paged, UI/UX design



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Full Stack Developer



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EDUCATION

Intensive Full Stack Development Bootcamp

School of Code

2022 - present

UK nation-wide

Pursuing membership through Professional Qualifying Examinations

Institute of Chartered Shipbrokers

2022 - present

London, UK

BSc (Hons) in Engineering-Navigation

Kerch State Maritime Technological University

Achievements: Grade: Honours. Student of the Year and Awarded Presidential Scholarship for Achievement in Maritime Studies

2009 - 2013

Kerch, Crimea

LANGUAGES



INTERESTS

- Programming, Development
- Hiking, Gardening
- Photography, videoediting
- Toastmasters Public Speaking
- Shipping industry

