Christos Tsopelas

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FRONT END ENGINEER

Experienced Software Engineer having 8 years of hands on experience, with a main focus on front end. Skilled in building high quality web applications using React, TypeScript, NodeJS and modern JavaScript frameworks. With a strong commitment to performance, maintainability, and user experience I have successfully delivered projects in the fintech, maritime AI, banking, energy and gambling industry.

Experience

DEEPSEA AI | Front End Engineer   **01/2024 – present**
- Contributed to web apps for the vessel industry that reduce costs and CO_2 emissions.
- Took full ownership of a new, innovative AI product that automates vessel navigation using React Redux.
- Improved load times by 35% when working with large datasets through dynamic load and optimised handling.
- Constructed notifications feature and live data update mechanism with the use of websockets.
- Collaborated with AI, backend and BA teams to achieve smooth integration.

MIMACOM | Front End Engineer   **10/2022 – 11/2023**
- Developed custom UI components for the Flowable platform, maintaining accessibility.
- Built Mimacom's new website from the ground up using Next.js and NX monorepo (A11y-compliant).
- Architected the mechanism for integration with headless CMS (Contentful).
- Used Storybook, Jest, Cypress and Github Actions for CI/CD.

ALLWYN | Front End Engineer   **01/2020 – 09/2022**
- Implemented custom UI library using Vue js for Illinois Lottery platform with A+ accessibility requirements.
- Worked as part of a 10-person agile team having two-week sprints that strictly followed agile methodologies.
- As a key contributor of the mobile app, built with Cordova, I supported both Android and iOS including features for secure ticket scanning, device biometrics and geolocation services.
- Contributed to the project's automation testing by implementing unit and functional tests achieving 90% coverage.
- Worked on integration with AEM, ticket scan service and Intralot system.

Agile Actors | Front End Engineer   **08/2017 – 12/2019**
- Built user friendly banking tools and integrated them with government systems meeting strict deadlines.
- Refactored web apps to reduce load times and improve performance and SEO.
- Created dashboard for energy data statistics, using React, NodeJS and Elasticsearch improving energy efficiency of clients by 27%.
- Used Highcharts for high performance charting of multi-million data sets.

Personal Projects | Full Stack Engineer   **2017 – today**
- Built full-stack web application (providing educational content for signals) during military service, optimized for low-resource environments (React - Node - MySQL).
- Developed website for Physio Clinic(physicalvperformance.gr) achieving a 95% Lighthouse score.
- Contributed to proof of concept development for Swappcity (home swap) and Wizex (crypto platform) startup apps by rapidly transforming high-fidelity designs into functional web apps.

Education

Athens University of Economics and Business, BSc   **2013-2021**
Computer Science

Skills

Technical: JavaScript, TypeScript, HTML, CSS, SQL, React, Angular, Vue, Redux, Next.js, Node.js, Express, RxJS, Material UI, Tailwind CSS, Jest, Cypress, Storybook, Git, Docker, Jenkins, Contentful
Professional: Problem solving, mentoring, code reviews, time management
Languages: Greek (native), English (C2), German (beginner)