Radu Alexandru Stoica

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Gender Male | Date of birth 29/04/1994 | Nationality Romanian

Software Engineer

April 2021 - Ongoing

Software engineer (React.js/Typescript/Java)

Wartsila, 's-Hertogenbosch, The Netherlands

- Developed several frontend solutions for the marine industry to help stakeholders maintain and monitor vessels.
- Designed and discussed architectural decisions as part of the team and as part of the frontend guild.
- Collaborated with backend-ers and data scientists daily. Occasionally, supporting the backend team as well.
- Actively collaborated with stakeholders (customers, UX designers, PO, etc.) to receive feedback and improve the solutions.
- **Tools**: React.js, Typescript, Sass, Redux, Jest, Java, Spring Boot, Bamboo, Jira, Docker, Kubernetes.

Sep 2019 – March 2021

Software engineer (React.js/Lit-html/Java)

ING Bank NV, Amsterdam, The Netherlands

- Developed cash management solutions for handling SWIFT payments which significantly decreased manual interactions for the stakeholders.
- Collaborated with UX designers to design, build, test and improve the solution.
- Developed Spring Boot API.
- Contributed to the shared component library.
- Migrated solutions from Jenkins to MS Azure.
- **Tools**: React.js, Lit-html, Web components, Spring boot, MS Azure, Docker, Jenkins, Kafka, Ansible, SQL, Selenium, Karma, Mocha/Chai, Sinon.js, Jira, Kibana, OWASP, UI/UX.

Jul 2018 - Jun 2019

Software engineer (React.js/Node.js/C#)

Yellowtail B.V., Amsterdam, The Netherlands

- Developed the frontend for a chatbot application using React.js.
- Discussed and decide upon designs of the chatbot application with stakeholders. (UX Designers, FE Engineers).
- Developed .NET Web.API solution for integrating the IBM Watson conversational engine.
- Created Azure pipeline on Microsoft Azure.
- Migrated backend code from Node.js to C#.
- **Tools**: React.js, Typescript, .NET Core, Node.js, Docker, MS Azure, Jest, IBM Watson, UI/UX.

Aug 2017 - Jun 2018

Software engineer (React.js/C#)

Cytosmart B.V., Eindhoven, The Netherlands

- Developed .NET Core solutions for handling large amount of medical data.
- Developed Cloud solutions for receiving data using Azure functions.
- Contributed to the development of a dashboard for displaying medical data using React.js.
- Helped interns to conduct their projects.
- **Tools**: .NET Core, Web.API, React.js, NUnit, MS Azure, MongoDB.

2016 - 2017   Software engineer (C#)

ASML B.V., Eindhoven, The Netherlands

- Developed an image visualization and processing solution for analysing images.
- Developed a simulation tool for controlling the main lithography machine.
- **Tools**: C#, MVVM, WPF, OpenGL, Git.

PERSONAL SKILLS

Languages
- English (Proficient)
- Romanian (Native)

Technical skills
- React.js, Typescript, Angular 2+, Redux, Sass.
- Spring Framework
- Node.js (Nest.js/Express.js)
- Lit-html (Web components)
- Mocha/Chai, Jest, Selenium, Sinon
- .NET Core
- Microsoft Azure/Heroku, Docker, Jenkins, Ansible.
- PostgreSQL, OracleDB, MongoDB (NoSQL)
- Git (Version control), fan of conventional commits, Jira

Job-related skills
- Not afraid to challenge technical decisions.
- Asking questions early to prevent escalating issues.

Open source
- 10+ Web components using React.js, Vue.js, Angular 2+.
- Task manager app (React.js, responsive).
- Shopify backend (Node.js/Typescript): e-commerce application.
- Bunq payments backend (Node.js/Typescript): payment integration API using bunq API.
- Mumble (Node.js/Express.js): music pattern recognition software.
- Shoe application (React-native/Typescript): mobile e-commerce application.
- Published Npm package: date-picker-vue3

EDUCATION

Masters
- Technical University of Eindhoven (TU/e), Computer Science.

Bachelor
- Fontys University of Applied Sciences, ICT & Software Engineering.