Illia Chaban

📞 +49 151 590 60 868   ✉ illachaban1100@gmail.com   📍 Berlin   ↗ Website

Summary

Fullstack developer with 2 years of full-time experience. Proficient in both front-end and back-end development, with expertise in React, Next.js, TypeScript, Flask, MongoDB. Strong problem-solving abilities, a keen eye for detail, and dedicated to creating robust and scalable applications.

I grow through challenges and strengthen through repetition.

Education

AD	**College of Transport and Computer Technologies**, Computer Science	Chernihiv, Ukraine 2019 to 2023

- **Coursework:** Software Foundations, Computer Architecture, Algorithms

Experience

HomeKlick GmbH, Software Engineer, Full-time

home-klick.de ↗

Berlin, Germany
07.2023 to 11.2024

- Developed and maintained scalable, template-based websites using React, Next.js and Typescript.
- Optimized the component architecture of React web applications, improving code maintainability and enhancing the user experience.
- Collaborated closely with the design team to convert complex requirements into responsive and user-friendly web interfaces.
- Enhanced backend functionality by developing new microservices on Flask and extending database structures with new models and schemas to streamline business operations and efficient data handling.
- Implemented end-to-end testing using Cypress to improve application reliability and reduce production issues.
- Dockerized applications for smooth deployment and managed hosting on Hetzner Cloud.
- Actively utilized Jira for task management, tracking progress, and ensuring timely completion of projects in an Agile environment.
- Initiated and took charge of various ideas for the project, ultimately increasing the value of the application.

Projects

3D Konfigurator click ↗

The web-application designed for virtual exploration and customization of residential properties.

- Integrated OAuth2 authorization with Keycloak for secure user account management and authentication.
- Implemented functionality for saving, editing, deleting, and sharing configurations, enhancing user interactivity.
- Optimized the codebase for improved performance, responsiveness and scalability.
- Adapted the application for mobile devices.
- Wrote end-to-end (E2E) tests using Cypress to validate application functionality.
- Actively collaborated with the backend team to ensure smooth feature integration and alignment.
- Set up an NGINX server for the Hetzner deployment.

Technologies: React, CSS, Docker, Nginx, Flask, Cypress

Admin panel

Admin panel for owners, builders and sellers of buildings.

- Created a template-based frontend using React and TypeScript.
- Integrated Redux for state management and performance of the application by efficiently handling state updates.
- Integrated OAuth2 authorization with Keycloak.
- Developed an API microservice using Flask to handle backend functionality and data management.
- Enhanced the mobile responsiveness of the website.
- Wrote end-to-end (E2E) tests using Cypress.
- Implemented role-based access control (RBAC) to manage user permissions and ensure secure access to different parts of the application based on user roles.
- Deployed the website on Hetzner.

Technologies: React, Typescript, Redux, MUI, CSS, Flask, Docker, Cypress

Technologies

Languages: JavaScript, Typescript, Python, HTML, CSS, SQL

Frameworks & Libraries: React, Next, Redux, Flask, Nginx, Cypress

Version control: Git, GitHub, GitLab

Cloud platforms: Hetzner

Containerization & DevOps tools: Docker, Portainer, Traefik

Communication

Languages: English(C1), German(A2), Russian, Ukrainian