

# Nataliia Sokolova

## Software Developer

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### SKILLS

HTML, SCSS, JavaScript, TypeScript, React, Node, Express, Redux, Knex, Jest, Auth0, MySQL, Bootstrap, MUI, Figma, GIT version control, Software Development Life Circle, Prototyping, Scrum Methodology, Invisio, Tableau

### WORK EXPERIENCE

#### Open-Source Software Developer

February 2023 – April 2023

OPENTREE EDUCATION, Vancouver, BC

Created a prototype and launched a new feature, that was developed, tested and launched in 2 months, for the education management system with a team of 8 developers using the Scrum methodology.

- Contributed to TDD tasks, ensuring logical and error-free coding, developing new features, and updating database.
- Collaborated on APIs and managed software workflow using Scrum methodology, increasing task success rate by 25%, wrote unit tests to detect bugs by increasing the over 35% efficiency rate.
- Worked closely with the Lead Engineer to evaluate that the developed feature has standardized design patterns.

#### Front-End Developer

December 2022 – April 2023

Startup JOB AUTOPILOT, Toronto, ON

Collaborated with 3 internal teams, including a team of UX designers, backend team, and QA testers to develop and launch AI-powered job application assistant.

- Defined user needs and software requirements to determine the feasibility of design to ensure alignment with project goals and objectives, ensuring first prototype completion 3 weeks prior to the targeted due date.
- Integrated Auth0 provider to the client side of the application, and implemented Auth0 authentication.

#### Self-Employed Full-Stack Developer

September 2021 – November 2022

NS Design, UKR/CA

Counseled clients to increase usability, reduce run time performance, and improve the client's website design and functionality, resulting in increased leads and reduced bounce rate.

- Analyzed information to determine, recommend and plan the redesign of a new API for the client's website.
- Refactored the obsolete legacy source code of the production application, resulting in increased usability and reduced run time performance by 50%.

#### Assistant Professor | Senior Lecturer

September 2008 – July 2021

ODESA NATIONAL ACADEMY OF FOOD TECHNOLOGIES, UKR

- Designed and delivered course materials, and curricula for three different technological and industrial engineering courses as a result: 50+ research articles, 10 patents, co-author of 2 books, and 5 successful business and research projects.

### PERSONAL PROJECT

#### Full-stack application RENTSY

December 2022

- Developed and implemented a full-stack web application in 10 days with a unique feature for Google Maps that provided users with valuable insights into the community, including dog off-leash areas and schools, as well as crime statistics and other relevant data.

### EDUCATION

BRAINSTATION, Vancouver, BC

Diploma in Web Development

ODESA NATIONAL ACADEMY OF FOOD TECHNOLOGIES, Odesa, Ukraine

Ph.D. in Technical Science (verified by ICC WES Canada)