

ANTONINA OROBETS

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Fully Work Authorized · No Visa Sponsorship Required

Software engineer with 5 years of experience as a business analyst. Experience working with React, JavaScript, Ruby, Ruby on Rails, SQL, HTML, and CSS. Expertise in leading a product through a full software development life cycle. Analytical thinker who clearly communicates and coordinates with business and the tester teams. Passionate about turning ideas into reality, emphasizing design and attention to detail. Keen on creating a clean product structure, finding and resolving tricky edge cases, and solving complex problems. My experience working as a BA gives me a unique perspective on delivering user-friendly, high quality and bug-free software.

TECHNICAL SKILLS

- React, JavaScript
- Ruby, Ruby on Rails, Python
- SQL, SQLite, PostgreSQL
- Git, Jenkins, Heroku
- HTML, CSS, Bootstrap, Material UI
- Jira, Confluence
- Agile, Scrum
- UML, Lucid Chart

PROJECTS

BookSharing - [Github](#), [Booksharing web app](#)

BookSharin is React and Ruby on Rails web app for sharing and requesting books.

- Implemented project from the idea to the finished application
- TDD and Jest
- Designed database schema with complex relationships between entities
- Created RESTful API with Ruby on Rails and PostgreSQL
- Utilized MUI and custom CSS to design the user interface.

NationalParks - [Github](#)

Web app for reviewing USA National Parks.

- Designed database schema using PostgreSQL and configured ActiveRecord associations
- Implemented infinity scrolling for a smooth user experience with loading content
- Used react responsive carousel to package park images inside information about a park
- Utilized Bootstrap and custom CSS to design the front-end
- Equipped app with authentication and authorization using cookies and sessions in Ruby on Rails
- Integrated BCrypt's native hashing methods to implement a secure login process.

JAManager - [Github](#)

React, Ruby, and the Sinatra web app for managing job applications.

- Designed simple and intuitive UI with React, Bootstrap, and custom CSS
- Scrapped LinkedIn job position to store Job Description in database
- Utilized Ruby and the Sinatra framework to allow users to save their applications to SQLite3 database.

Outstanza - [outstanza.com](#)

Outstanza - online project to generate rhymes for poetry.

- Developed an algorithm to determine stressed syllables in words automatically
- Designed and generate DB with 1.2 billion unique words and word forms
- Optimized requests to DataBase, which reduced the time to process big data requests by 9.2 times (from 36 to 3,7 hours).

PROFESSIONAL EXPERIENCE

Business Analyst, SOLVVE, Ukraine

06/2017 - 01/2019

Product: [WholeReader](#) - cross-platform e-learning system based on simultaneous reading and listening books with rich human narration, integrated assessments, and group study.

Tools: Jira, Confluence, Lucid Chart, Figma

- Took ownership of Product Design, wrote use cases and user stories, created prototypes/mockups, collaborated on UI/UX design, and prepared product documentation
- Updated Data Model consistent with system architecture and simplified updating and scaling process for the product
- Managed stakeholders' priorities, achieving business goals in a constantly changing environment.
- Worked on an e-learning application, created solutions for multiple notes creation, viewing, clear navigation, and sharing to enable frictionless student-teacher interaction and learning

Business Analyst/ QA Lead, ISD - Information Systems Development, Ukraine

07/2013 - 06/2017

Tools: UML, Git, Jenkins, Redmine, Outlook

- Defined product scope and MVP, managed the product backlog, performed user acceptance testing (UAT), Defined and documented user stories and acceptance criteria, and led daily Scrum meetings
- Built the QA team from zero to 8 members

- Improved development process by introducing scrum practices, code freeze day, and change code review process, among others. As a result, achieved regular successful product releases and reduced rollbacks.
- Developed a user-friendly UI for multi-level search results in navigation and sorting, and adjusted workflow for mobile devices.

EDUCATION

Software Engineering Certificate

Flatiron School, USA

2022

Master of Science (MS), Engineering

Dnipro National University, Ukraine

2013