

Elena Protasova

elena_protasova@bk.ru | github.com/helenpr

Education

Saratov State Technical University

Master of Science in Automation and Control Systems (2009 – 2011)

Master of Engineering in Robotics and Robotic Systems (2004 – 2009)

Experience

Software Engineer

EPAM Systems, Inc. (Saratov, Russia)

May 2019 – Dec 2019

Software Engineer

EPAM Systems, Inc. (Saratov, Russia)

Mar 2019 – Apr 2019

Implementing an application redesign according to the new design layout:

- Redesigned application pages according to the updated design layout and implemented a fully responsive design, ensuring modern, user-friendly interfaces optimized for seamless usability across various devices and screen sizes.
- Collaborated closely with designers using Figma to translate mockups into functional and visually appealing web pages.
- Enhanced front-end components to ensure compatibility with the .NET-based back-end architecture.

Software Engineer

EPAM Systems, Inc. (Saratov, Russia)

Oct 2018 – Feb 2019

Building an oil engineering application for the client:

- Established unit testing to improve project maintainability.
- Resolved severe bugs to ensure accurate document generation and improve system reliability.
- Enhanced user experience by fixing functional issues, resulting in smoother application performance.
- Collaborated with business analyst to clarify tasks requirements.
- Developed application pages with the necessary components and functionality, adhering to the provided design specifications.
- Created interceptors, services, and resolvers following Angular architecture best practices.

Software Engineer

EPAM Systems, Inc. (Saratov, Russia)

Aug 2018 – Sep 2018

Building a grants management application for the client:

- Improved UX design by styling and customizing user interface elements, including checkboxes, radio buttons, and select role blocks, according to design specifications.
- Streamlined development workflow by creating reusable components, such as a multi-level dropdown menu, and implementing abstract lookup logic for managing catalog items, enabling faster feature development and improving code maintainability.
- Enhanced application architecture by extending abstract logic for multi-field lookup catalogs, ensuring efficiency and scalability.

Design-engineer, CNC Programmer

Maria Furniture Factory (Saratov, Russia)

Mar 2011 – Mar 2017

- Developed CNC control programs based on technical drawings, material specifications, and machine technical characteristics.
- Worked with CAD/CAM systems to create detailed models and machining paths.
- Collaborated with the engineering team and machine operators to improve CNC programming practices and reduce production errors.

Senior Engineer

Emergency Management Center, Ministry of Emergency Situations (Saratov, Russia)

Jan 2010 – Feb 2011

- Designed 3D models and animations for infrastructure objects.
- Document management.

Computer Operator

Department of Artificial Intelligence Systems, Saratov State Technical University (Saratov, Russia)

Feb 2006 – Nov 2009

- Worked with the testing environment to create a systematic database of student tests: managed test constructors and facilitated data exchange between test repositories and documents. Conducted program testing to ensure functionality and accuracy.
- Document management.

Technical Skills

Languages: JavaScript, TypeScript, Flow, HTML, CSS, SCSS, C#.

Frameworks & Libraries: Angular, RxJS, React, Redux, Jasmine, Karma.

Database Management: MS SQL Server, MySQL.

Tools: Visual Studio, GIT, WebPack, Figma, Jira, Umbraco CMS, 3D Studio MAX, ArchiCad, Adobe Photoshop, Adobe Premiere Pro, Particle Illusion, NC-1000, BiesseWorks, WoodWop, iLenia CAD/4, SolidWorks, Базис.

Other: Responsive Web Design, OOP Principles, SOLID Concepts.