

Alina Trukhina

Full Stack Software Developer

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After a decade of working in the petrochemical industry, I wanted to apply my analytical problem-solving skills and love for lifelong learning in a career in tech. I decided to dive in head first by completing the Full Stack Software Development Certificate from Prime Digital Academy. I am seeking a junior developer position where I can make contributions to the team while furthering my coding skills.

Skills

JavaScript | Node.js | HTML | CSS | jQuery | React | Redux | PostgreSQL | C# | .NET | AWS | NGINX

Software Development Experience

Prime Digital Academy, Minneapolis - *Software Development Recent Graduate* August 2022 - January 2023

- Capstone project: *Foraging Finds* <https://foraging-finds.alina-tr.com/>
 - App to store location of your plant and mushroom finds for mushroom foragers to come back to at later date
 - Gets user location, lets user upload a photo and entry, then view, edit, delete them later
 - Built with React, Redux, Node.js, PostgreSQL, GoogleMaps API, Multer
- Client project: *Vifi* <https://womens-health-app-vifi.herokuapp.com/>
 - Client is an entrepreneur looking to build a content management system app for women's health
 - Collaborated remotely with 3 developers to build, test, and review code
 - Added feature to edit and send newsletter to those who signed up on the app
 - Built with React, Redux, Node.js, PostgreSQL, SunEditor

Other Work Experience

ioMosaic - *Senior Safety and Risk Management Consultant* January 2020 - September 2022

- Created Flare System Design course material for Process Safety Learning platform
- Created training materials and hosted training sessions for new engineers
- Reviewed project deliverables for large, plant-wide project to ensure quality

Safety and Risk Management Consultant January 2013 - January 2020

- Facilitated plant-wide data collection onsite for revalidation project in the chemicals industry
- Performed complex reactive systems design and assisted junior engineer learning in this area
- Completed unit-wide flare system design for a client in petrochemical industry
- Led a two-person team to execute pressure relief system revalidation project on tight deadline and budget

Safety and Risk Management Analyst June 2011 - January 2013

- Efficiently performed revalidations for current designs for pressure relief systems
- Gained proficiency with proprietary pressure relief design software and industry standards
- Assisted in plant-wide pressure relief system redesign for a client in biodiesel industry

Education

Prime Digital Academy - *Full Stack Software Engineering Certification* January 2023

University of Minnesota, Twin Cities - *BS in Chemical Engineering, BS in Chemistry* December 2010

- Participated in undergraduate research to synthesize indole dimers for potential tuberculosis treatment

Volunteer Experience

Minneapolis Off-Road Cycling Association (MOCA) - *Volunteer, Dirt Boss* May 2012 - June 2016

- Built and maintained mountain biking trails weekly at Theodore Wirth Park with team of volunteers