

Robert Margolin-Ross

Experience

- 2016–Present **Software Engineer**, *AlsoEnergy Inc.*, Boulder, CO.
Develop large features for a new React / C# application on a tight deadline.
Designed and developed cross platform mobile application using Xamarin and worked closely with the back end team to develop a matching RESTful api.
Develop full stack application for solar monitoring using react and C# as part of the larger team.
Tested and finished development of embedded Windows CE logging device.
- 2019–Present **Mobile Application Developer**, *Rememorate*.
Provide advice from experience developing within the Xamarin ecosystem.
Develop new features for contact based application taking advantage of native apis.
- 2013–2016 **Associate Tech**, *SapientNitro*, Boston, MA.
Worked with a globally distributed team to deliver client driven solutions.
A mix of front-end and back-end development on a plethora of diverse systems.

Projects

AlsoEnergy

- Software Engineer - Xamarin
AlsoEnergy wished to bring their existing mobile applications in house so that they could better maintain and advance them as the company rapidly evolves. I was tasked with learning the Xamarin tools and developing a new and updated version of the applications that had feature parity with the old ones.
- Backwards engineered old application to utilize existing api
 - Helped push and drive development of new api to help expand upon flexibility
 - Maintained and published the two store listings for the new mobile applications
 - Provided ongoing support for the mobile application as well as added required new features

- Software Engineer - React/C#
AlsoEnergy is continuously innovating in the industry and always developing new solutions. I have worked on this new effort within the company working closely to help take lessons learned from previous projects and create a new product as well as a more refined and stable development process.
- Work with the project manager and the design lead to rapidly bring features through UX design to implementation
 - Use the latest practices around React and C# to create elegant, efficient, and maintainable code
 - Set reasonable deadlines and stick to them so that the project stays on track
 - Partake in architecture discussions and provide useful feedback

SapientNitro

- Developer – Perl/Mason
A leading audio service company develop a new educational audio experience focused for a foreign country. The project entailed working with a completely customized Perl/Mason stack to create and update front-end pages for the new product.
- Worked with l18n based coding styles to ensure the bilingual pages work correctly
 - Learned Perl/Mason from scratch for the project
 - Assisted in the design, development, testing, and debugging of the front facing web experience
 - Developed some pages designed to work in an Android webview

Education

- 2009–2013 **Bachelor of Science in Computer Science**, *Rochester Institute of Technology*, Rochester, NY.

Skills

- Programming Languages C#, Python, Java, Javascript, HTML, CSS, \LaTeX 2_ε
- Tools Vim, Visual Studio, Visual Studio Code, Eclipse, git, SVN, GitLab, Netsuite