

# mike kreiser

Lead Software Engineer III • Chicago, Illinois

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## EXPERIENCE

### Nextcapital • Chicago, Illinois

Lead Software Engineer III • February 2019 - Present

Lead Software Engineer • February 2018 - February 2019

Software Engineer • July 2017 - February 2018

Software Engineer Remote Intern • August 2016 - July 2017

Software Engineer Intern • May 2016 - August 2016, June 2015 - August 2015

- Owned and led the architecting, development, and adoption of a proprietary JavaScript web framework built on the principles of re-usability, modularity, and configurability
  - Solved for scaling the number of partner applications and configurations live on the core platform
  - Implemented support for building web applications and static documents (emails and PDFs)
  - Reduced front-end implementation time by 75% over existing patterns and technology
  - Improved JavaScript performance over existing applications, with a 100 performance score on Google Lighthouse and 0.5 second time to interactivity
  - Utilized OOP patterns to facilitate broad code reusability
  - Created a generic interface with the view layer, enabling automated generation of default views
  - Drove conversion to semantic versioning, improving development workflows and management
- Architected an integration test program to validate NextCapital's financial advice across the full stack
- Led the front-end platform team, managing sprints and roadmaps in addition to individual code contributions
- Managed eight software engineers across two engineering teams as direct reports.
- Collaborated with executives, product designers, visual designers, and product managers to design, build, and manage new features.
- Collaborated with solutions teams, assisting in development on top of the proprietary JavaScript framework
- Created technical designs for new platform functionality, including RESTful APIs
- Drove strong testing and documentation patterns, significantly improving coverage and quality
- Mentored junior software engineers and interns across teams, including through code pairing and code reviews
- Refactored the software engineer interview process to remove biases, improve objectivity, and directly evaluate "soft skills" and values critical to Nextcapital's mission and strategy

### Ohio Department of Transportation • Columbus, Ohio

Consultant • November 2014 - June 2016

Intern • June 2014 - August 2014

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## PERSONAL PROJECTS

ESPN Fantasy Football API  
API Client • [GitHub](#) and [NPM](#)

Illinois Track Club Website  
Website • [illinoistrackclub.com](http://illinoistrackclub.com)

Personal Website  
Portfolio • [mikekreiser.com](http://mikekreiser.com)

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## LANGUAGES & TOOLS

Fluent: JavaScript • ES6 • NodeJS • React • CSS/SASS • Python • Babel/Webpack • Jest • ESLint • Bash • Git/GitHub • Jenkins • Jira

Familiar: Ruby • Java • C • C++ • Django • Haskell • SVN

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## EDUCATION

University of Illinois at Urbana-Champaign • May 2017

Bachelors of Science with Honors, Computer Science

GPA: 3.76