

JASON D. KIESLING

Littleton, CO | jason@jasondkiesling.com | 781-366-0091

SKILLS

Languages	JavaScript, TypeScript Python, L ^A T _E X
Tools	Node.js, React, Flask, Continuous Integration, Git
Technologies	Linux, Kubernetes, GCP, AWS, Kafka, Redis

WORK EXPERIENCE

RevOps

Remote

Software Engineer II

August 2021 - Present

- Develop a full-stack CPQ web application utilizing React, Node, Python, Kafka, and Redis.
- Manage infrastructure using Terraform and Kubernetes manifests utilizing both GCP and AWS.
- Led a successful frontend deployment migration project, implementing deploy previews, reverse proxying, and instant rollbacks, which resulted in a 97% cost reduction.
- Take ownership of projects from idea through post-launch, including integrating native e-signature functionality, automating workflows, and implementing asynchronous PDF generation.

Software Engineer

January 2021 - August 2021

- Developed a full-stack CPQ web application using React, Python, and Node.js.
- Proactively responded to alerts and customer messages and effectively resolved issues.
- Maintained and extended integrations with third-party systems such as Salesforce and DocuSign.

University of Massachusetts Lowell, Engaging Computing Group

Lowell, MA

Lead Developer

May 2018 - December 2020

- Managed the development and maintenance of LearnMYR.org by leading a team of 8 developers.
- Designed, executed, and presented research studies to advance the field of Computer Science Education.
- Assisted and presented at Computer Science summer camps and professional conferences.

Dassault Systèmes

Waltham, MA

SOLIDWORKS User Assistance Developer - Intern

January 2020 - September 2020

- Designed a full stack web application to highlight the latest SOLIDWORKS features using React, Express, and PostgreSQL.

ENOVIA Quality Assurance Engineer - Intern

May 2019 - August 2019

- Researched and evaluated new automated testing software and techniques to enhance testing capabilities.
- Developed automated API tests and mobile UI tests to maintain code quality and improve efficiency.

EDUCATION

University of Massachusetts Lowell

December 2020

B.S. Computer Science | *cum laude*, Commonwealth Honors | Minors in Business and Mathematical Sciences

AWARDS AND HONORS

- **Eagle Scout** | Boy Scouts of America | March 2017
- **Vigil Honor Member** | Order of the Arrow, Boy Scouts of America | October 2016

PUBLICATIONS

Students' Consistency in Computational Modeling and Their Academic Success April 2021

Journal of Computing Sciences in Colleges

Determining Social Factors Predictive of Success in Computer Science Students February 2021

SIGCSE 2021 - The 52nd ACM Technical Symposium on Computer Science Education

MYR: A Web-Based Platform for Teaching Coding Using VR February 2019

SIGCSE 2019 - The 50th ACM Technical Symposium on Computer Science Education