

JASON D. KIESLING

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SKILLS

Languages	Python, TypeScript, JavaScript, SQL
Technologies	Node.js, React.js, Deno, Kubernetes, CI/CD, GCP/AWS, Kafka, Redis

WORK EXPERIENCE

RevOps

Remote

Software Engineer II

August 2021 - Present

- Leads the RevOps automation platform which includes external integrations (Salesforce, HubSpot, Chargebee, Docusign) along with approval workflows, metrics, and APIs.
- Develops a full-stack CPQ web application utilizing React, Node.js, Python, Kafka, and Redis.
- Architected and implemented a serverless functions platform enabling users to write TypeScript to customize application functionality. Functions are powered by Deno and features include versioning, release and deactivation management, and connections to multiple products.
- Enabled the creation of a Professional Services offering via the functions platform which increased company wide revenue through a new revenue stream.
- Led initiative to introduce Terraform for managing infrastructure across GCP and AWS. 100% of infrastructure is now managed as code through source control.
- Executed a frontend deployment migration project, implementing deploy previews, reverse proxying, and instant rollbacks, which resulted in a 97% cost reduction and eliminated monthly outages.
- Refactored NoSQL database marshalling implementation, resulting in up to 90% speed decreases and improved type-checking and validation. Reduced timeouts for third party integrations from 14% to <1%.
- Responds to application issues during an on-call rotation reported via customer support tickets and automated alerting systems according to company support and incident management policies.

Software Engineer I

January 2021 - August 2021

- Developed a full-stack web application including React, Node.js, and Python.
- Extended and maintained integrations with third party systems such as Salesforce. HubSpot, and DocuSign.

University of Massachusetts Lowell

Lowell, MA

Lead Developer

May 2018 - December 2020

- Led a team of 8 developers in creating and maintaining LearnMYR.org and iSENSEProject.org.
- Designed, executed, and presented research studies to advance 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

- Created automated API tests and mobile UI tests using Java to ensure code quality.

EDUCATION

University of Massachusetts Lowell

February 2021

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** | Order of the Arrow, Boy Scouts of America | October 2016