

JASON D. KIESLING

jason@jasondkiesling.com | Denver, CO

SKILLS

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

WORK EXPERIENCE

Autodesk	<i>Remote</i>
Senior Software Engineer	November 2024 - Present
◦ Serves as a full-stack engineer for Autodesk Construction Cloud	

RevOps	<i>Remote</i>
Software Engineer II	August 2021 - November 2024
◦ Led the RevOps automation platform which includes external integrations (Salesforce, HubSpot, Chargebee, DocuSign) along with approval workflows, metrics, and APIs.	
◦ Developed 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%.	
◦ Responded 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	<i>Lowell, MA</i>
Lead Developer	May 2018 - December 2020
◦ Led a team of 8 developers in creating and maintaining LearnMYR.org and iSENSEProject.org.	

Dassault Systèmes	<i>Waltham, MA</i>
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
B.S. Computer Science <i>cum laude</i> , 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