

JASON D. KIESLING

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SKILLS

Languages	TypeScript, JavaScript, Python, SQL
Technologies	Node.js, React.js, AWS/GCP, CI/CD, Redis, Postgres, Terraform

WORK EXPERIENCE

Autodesk	<i>Remote</i>
Senior Software Engineer	November 2024 - Present
<ul style="list-style-type: none">Contributes as a full-stack engineer to the Autodesk Construction Cloud Reporting platform, building and maintaining features with Node.js, Express, React, and Redis (BullMQ).Migrated observability from fragmented tooling to an OpenTelemetry-based platform, cutting false-positive alerts from hourly to less than monthly.Analyzed performance metrics to optimize document generation pipelines, reducing queue times by 50–90%.Refactored AWS ECS infrastructure to improve performance and cost efficiency by splitting monoliths and tuning autoscaling behavior.Develops internal tools to reduce manual engineering effort, including automating service reviews, integrating cross-platform systems, and enhancing analytics with drill-down capabilities.Provides technical mentorship and code review feedback to other engineers; participates in the RFC feedback and review process.	
RevOps	<i>Remote</i>
Software Engineer II	August 2021 - November 2024
<ul style="list-style-type: none">Led the RevOps automation platform which included external integrations (Salesforce, HubSpot, Chargebee, Docusign) along with approval workflows, metrics, and APIs.Architected a Deno based serverless functions platform, enabling users to write TypeScript to customize application functionality. Features include versioning, release management, and third-party connections.Led initiative to migrate to Terraform, fully deploying all cloud infrastructure through code.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%.	
Software Engineer I	January 2021 - August 2021
<ul style="list-style-type: none">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
Dassault Systèmes	<i>Waltham, MA</i>
SOLIDWORKS User Assistance Developer - Intern	January 2020 - September 2020
ENOVIA Quality Assurance Engineer - Intern	May 2019 - August 2019

EDUCATION

University of Massachusetts Lowell
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