

# Jake deVarenes

Reno, NV | 530-304-2873 | devarenesjacob@gmail.com | linkedin.com/in/jakedevar/

## Senior Software Engineering Professional

### *Dynamic Leader with Expertise in Software Engineering, Technical Operations, & Project Management*

Highly experienced and versatile senior software engineering professional offering expertise in leading and supporting teams, high-level strategic planning, and full stack software engineering. Proven track-record of developing and executing successful software engineering projects aligned to organizational objectives with a focus on customer satisfaction, employee development, and cost optimization. Deep technical expertise combined with an understanding of the importance of highly effective senior technical leadership, data-driven analysis, and stakeholder management. Collaborative and relationships-focused team leader with the goal of continually increased productivity and consistent outcome attainment. Individual dedicated to self-reflection and personal improvement who consistently exceeds performance metrics.

*View Portfolio Here: <https://github.com/jakedevar>*

## CORE COMPETENCIES

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|------------------------|-------------------------------|--------------------------|
| ◆ Service Architecture | ◆ Performance Management      | ◆ Talent Development     |
| ◆ Project Management   | ◆ Cross-Functional Leadership | ◆ Software Engineering   |
| ◆ Cost Optimization    | ◆ Stakeholder Management      | ◆ SaaS Applications      |
| ◆ Data & Analytics     | ◆ Strategic Planning          | ◆ Engineering Management |

## PROFESSIONAL EXPERIENCE

*LitX*

*2023 – Present*

### **Software Engineer**

- ▶ Oversaw and developed first in-house app helping create 12 unique tools, becoming cornerstone of customer support solution and business insights, solving +4 classes of support issues and adding sales cycle insights and business metrics.
- ▶ Initiated and implemented Stripe API by developing tool from scratch to enable organization subscription model that connected with the viral feature, resulting in effectively increasing revenue to over \$16k, from 0% to 100%.
- ▶ Engineered viral feature using blend of in-app notifications and email tools like SparkPost, resulting in 32% surge in daily user engagement, while successfully merging to prod 25% more pull requests than peers.
- ▶ Drafted rigorous end-to-end tests using Ava and Sinon to replace unit tests and completely test functionality of application, leading to effectively increasing code coverage by 65%, from 12% to 67%, compared to previous test suite.
- ▶ Spearheaded initiative for companywide move towards typescript reducing bugs in production by 23% and computationally cleaned up junk database entries reducing relational database costs by 40%.
- ▶ Mentored and supported 2 Jr. Developers in understanding codebase and upholding standards of quality and code organization, helping improve time to pull request rate by 30%.
- ▶ Led initiative for SMS two factor authentication by facilitating team collaboration meetings and advocating for improvements in meetings, reducing average wait time from 1 minute and 10 seconds to 5 seconds.

# Jake deVarenes

*Constellation*

2022 – 2023

## Software Engineer

- ▶ Directed development of data-aggregator component that acted as keystone of ELT pipeline, leading team in feature discussions and serving as primary author, handling capacity of over 130 requests per second.
- ▶ Constructed intuitive data visualizer as key component that provided comprehensive way to ingest data returned from load generation test from all 26 AWS regions, and created caching system to reduce data loading cost by 63%
- ▶ Developed CLI command capable of executing in single command, while creating buffering mechanism for data-aggregator component, effectively reducing data loss from 3% to 0% at throughput exceeding 130 Rps.
- ▶ Collaborated with remote team of 4 engineers from the US, New Zealand & Canada, across 4 time zones involving daily stand-ups and pair programming to ensure smooth communication and efficient collaboration.
- ▶ Produced and shared YouTube presentation to support professional development of junior colleagues, achieving over 1000 views and fostering ongoing team and self-improvement.
- ▶ Created algorithm that reduced relational DB costs of viewing results of 10 minute load test by 98%.

*Ford*

2020 – 2021

## Sales Associate

- ▶ Achieved and maintained 95% customer satisfaction rate based on post-sales surveys, while consistently gaining top rank in top 50% of sales people month-over-month.

*Go Sharps*

2019 – 2020

## Sales Associate

- ▶ Brokered service contracts for company in medical sector valued at over \$5MM and maintained a 98% customer satisfaction rate based on post-sales surveys.

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## TECHNICAL SKILLS

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**Languages:** JavaScript/Node.js, Typescript, Go, Ruby, PostgreSQL, MySQL, CSS, HTML

**Cloud:** AWS, DynamoDB, Lambda, EC2, API Gateway, S3, Timestream, Digital Ocean, Fargate, DynamoDB, Cloudwatch, ArgoCD

**Libraries & Frameworks:** React, Redux, jQuery, Express, Jest, Handlebars, Puppeteer, MaterialUI, Bootstrap, Fastify, Ava, Sino

**Other:** Docker, Git, GitHub, Neovim, Linux, RESTful APIs, PostgreSQL, SQLite3, MongoDB, Sparkpost, Stripe

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## EDUCATION & LEADERSHIP

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**Software Engineering, Launch School**

**Bachelor of Arts in General Studies – University of Nevada, Reno**

**Eagle Scout, 2008 - 2013**