JOHN LUND-MOLFESE
Senior Software Engineer

📍 Chicago, USA
in /JL-M
○ /johnl-m
@ resume@jl-m.org

SKILLS

Advanced: AWS, DynamoDB, Git, GitLab CI, Java, JavaScript, Jenkins, Message Queues (RabbitMQ,

SQS), Node.js, Python, Serverless, Shell, Spring, SQL (PostgreSQL), Terraform

Intermediate: C, C#, Cypress, Go, Groovy, Haskell, MongoDB, PHP, React, Redis, TypeScript, Scala, Vue.js

EXPERIENCE

12/2021 – Present **Senior Software Engineer & Technical Lead**   VESTWELL
- Ideated and implemented pull request pipeline debouncer to halt previous PR builds on new push, saving 66% ($4,786/month) in Jenkins agent spend
- Led Vestwell's greenfield payroll integrations team, implementing 50 reliable, fault-tolerant bidirectional third-party API and SFTP payroll integrations from product inception to delivery
- Proactively identified and tracked categories of manual data fixups and automated resolutions, saving ~400 engineering hours/year across company
- Transformed complex business requirements into technical solutions while working directly with end users and provided accurate quarterly planning estimates to business stakeholders
```
AWS / Jenkins / Docker / Node.js / Python / Scala / Terraform
```

11/2020 – 12/2021 **Software Engineer**   VESTWELL
- Defined new software engineering team agile development processes with team and stakeholders
- Took ambiguous requirements and generated user stories for team to work on
- Reduced expenses by rewriting legacy components with serverless architecture
```
AWS / Jenkins / Node.js / Python / Terraform
```

11/2019 – 11/2020 **Software Developer II**   STATE FARM
- Led requirements gathering, architectural design and implementation of web applications in collaboration with end users
- Mentored new team members and gave presentation on API acceptance testing to department
- Modernized message queue setup, increasing throughput of team's primary application by 600%
- Redesigned application components with a microservice architecture, increasing maintainability
```
Cypress / GitLab CI / Java / Kubernetes / React / PostgreSQL
```

06/2019 – 11/2019 **Software Developer I**   STATE FARM
- Created reusable, zero-configuration build pipelines incorporating security and acceptance testing
- Designed and developed accessible web applications used by multiple business areas
- Introduced new build system and acceptance testing framework, reducing manual testing
```
Go / Gradle / Java / Jenkins / RabbitMQ / PostgreSQL
```

07/2018 – 06/2019 **Junior Software Developer**   SHELTER INSURANCE
- Implemented validation and event-driven business rules in claims processing application
- Developed new and existing Spring Java APIs with a focus on self-documenting, clean code
- Fixed bugs and worked directly with business partners to develop new functionality
```
Groovy / Java / DB2
```

02/2018 – 07/2018 **Developer Intern**   MACDADDY LYFTS
- Created API, database, and iOS application for golf cart ridesharing company
```
AWS / Laravel / MongoDB / Node.js / Vue.js
```

EDUCATION

2015 – 2019 **Bachelor of Science in Computer Science**   UNIVERSITY OF MISSOURI, COLUMBIA
Honors: Engineering Honors Scholar | Upsilon Pi Epsilon | Bright Flight Scholarship