

# JOHN LUND-MOLFESE

Senior Software Engineer

📍 Chicago, USA  
in /JL-M  
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## 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 and implementation of 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