

# JOHN LUND-MOLFESE

## Software Engineering Manager

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### SKILLS

**Advanced:** AWS, DynamoDB, Git, GitLab CI, Java, JavaScript, Jenkins, Lambda, Message Queues (RabbitMQ, SQS), Node.js, Python, Serverless (Lambda), Spring, SQL (MySQL, PostgreSQL), Terraform

**Intermediate:** C, C#, Go, Groovy, MongoDB, React, Redis, Ruby, TypeScript, Scala, Vue.js

### EXPERIENCE

- 01/2024 – Present **Software Engineering Manager** **VESTWELL**
- Managed team of 6 software engineers, prioritizing sustainable development at 0% turnover rate
  - Led project planning for complex partner-facing payroll integrations API, developed in-house
  - Provided accurate quarterly roadmap estimates to stakeholders resulting in 92% on-time delivery
  - Created tooling to automatically apply dependency upgrades, saving company 330 hours/year
  - Started Vestwell Database Guild, configured Datadog alerts to triage issues for 4 prod db instances
- AWS / Lambda / Node.js / Postgres / Python / Terraform
- 12/2021 – 01/2024 **Technical Lead & Senior Software Engineer** **VESTWELL**
- Payroll integrations team lead, implementing ~50 third-party API and SFTP integrations
  - Worked directly with end users to plan technical solutions for complex business problems
  - Created debouncer to halt PR pipelines on new push, saving 66% (\$4,786/month) in EC2 spend
  - Tracked manual data updates and automated solutions, saving ~400 R&D hours/year across org
- AWS / Jenkins / Docker / Node.js / Postgres / Python / 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 detailed user stories for team to work on
  - Reduced spend for a single application by rewriting legacy component with serverless architecture
- AWS / Jenkins / Node.js / Python / Scala / Terraform
- 11/2019 – 11/2020 **Software Developer II** **STATE FARM**
- Led requirements gathering, architectural design and implementation of web applications
  - 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%
- 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
- 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
  - Worked directly with stakeholders to develop new and existing Spring Java APIs
- 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

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