JOHN LUND-MOLFESE

Software Engineering Manager

San Diego, USA
/JL-M
/johnl-m
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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, Relational Databases/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 full-stack team of 7 software engineers
- Created tooling to automatically apply dependency upgrades, saving company 430 hours/year
- Architected complex API integrations directly responsible for generating millions of dollars in ARR
- Implemented self-service onboarding of new payroll providers to save ~600 engineering hrs/year
- Provided accurate quarterly roadmap estimates to stakeholders resulting in 92% on-time delivery
- Founded Database Guild to review ~400 DDL changes per year across company

`AWS / Lambda / Node.js / Postgres / Python / Terraform`

12/2022 – 01/2024   **Engineering Team Lead / Tech Lead**   **VESTWELL**
- Led team of 5 engineers, implementing ~50 third-party SFTP and 3 API payroll integrations
- Worked directly with end users to plan technical solutions for complex business problems
- Created pull request pipeline debouncer, saving 66% ($302,940 over 3 years) 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 – 12/2022   **Senior 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

02/2018 – 07/2018   **Developer Intern**   **MACDADDY LYFTS**
- Created API, database, and iOS application for golf cart rideshare company

EDUCATION

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