

Senior engineering manager passionate about building quality products and productive engineering teams. Achieves this goal with by balancing lightweight processes, cross-team collaboration, and fostering an engineering-friendly culture where developers like to work.

QUALIFICATIONS:

- ❖ **Technical leadership:** Nine years of hands-on management of large software engineering teams and other managers. Proven ability to help teams create quality products through lightweight processes and collaboration. Pitches in and codes with the team when necessary.
- ❖ **Product and architectural strategy:** Led the delivery of multiple major software products to users in various industries. Proven ability to balance business and technical requirements and communicate effectively across organizational silos. Designs cost-effective products and technical solutions that fit within technical and budget constraints and can respond to change.
- ❖ **Versatility:** Able to manage teams, develop product roadmaps, architect software solutions, and do hands-on software development.

EXPERIENCE:

Senior Director of Engineering

DEPT Digital Products, Boston, MA

11/18 to present

Responsible for leading major software projects and managing a team of 60 software engineers and managers. Hired talent and built up teams of technical talent in multiple different engineering disciplines. Responsible for staffing talent on client projects, ensuring they delivered products successfully, and contributing to their professional development.

Key Achievements:

- ❖ Primary architect and manager of a multi-million dollar project to convert a Global Staffing platform into a modern Single Page App/Microservices architecture using Node.js and Java deployed on AWS.
- ❖ Managed a software team that developed and maintained an FDA-approved web application to manage workflows of Genomic testing batches.
- ❖ Architect and developer of a data platform that captured real-time data for 1 million+ IoT devices for analysis and archiving. Implemented in Google Cloud and Python.
- ❖ Developed a lightweight performance review process adopted by the DEPT engineering organization. Received frequent feedback from reports that it was the most useful performance review they have had.
- ❖ Ran hiring campaigns for engineers in multiple disciplines under tight deadlines. Created lean and effective interview processes, allowing the team to hire seven engineers in less than three months during a period of intense demand for talent.
- ❖ Created and managed DEPT US's Java, Cloud Engineering/DevOps, and QA Automation Engineering practices. Built by hiring strong, senior first hires and building culture from there.
- ❖ Led organizational consulting engagements for clients. These engagements clarify technical unknowns about complex, ambiguous software projects and allow our clients to start building or reorganizing their engineering organizations to be more productive, better workplaces.

Engineering Team Lead / Manager & Software Engineering Principal

12/13 to 11/18

MITRE Corporation, Bedford, MA

Manager of a seven-person Software Engineering team. This team supported over 11,000 daily users and 30 web applications written in Node.js, VueJS, AngularJS, Python, and Java. Product Owner and Architect for the company's Android/iOS mobile application. Responsible for architectural and hiring decisions. Oversaw the enhancement and maintenance of the entire application suite.

Key Achievements:

- ❖ Led the creation of MITRE's first mobile application for employees.
 - ❖ This application received multiple recognition awards for its positive reception from corporate users, including a [Step Two Silver Award](#).
 - ❖ The project included managing resources across multiple organizations, managing vendors and navigating complex Federal level security challenges.
 - ❖ The resulting application and architecture were easy for employees to use, kept company data safe, and provided a platform for future mobile capabilities.
- ❖ Led the research and development of an event-based architecture that allowed the department's applications to respond to large amounts of business events fed into Machine Learning systems for trend analysis.
- ❖ Led a major platform upgrade of a custom intranet application used daily as the employee homepage for over 11,000 employees at MITRE.

Principal Software Engineer

11/12 to 12/13

Alere Accountable Care Solutions (ACS), Waltham, MA

Lead software engineer for an Electronic Healthcare Records (EHR) and Health Information Exchange (HIE) system written in Java. Led the implementation of major features in a fast-paced environment. Responsible for systems architecture, detailed design, development, automated testing, developer resource planning, and tasking of other developers.

Key Achievements:

- ❖ Led the development of a Formulary API, which allowed all applications at the company to look up prescription medication information and insurance coverage.

Senior Software Engineer (and Other Roles)

06/05 to 11/12

Liberty Mutual Insurance, Dover, NH

Worked in multiple organizations within Liberty on high-profile Software Engineering projects. These included the Personal Auto and Home Insurance quoting application and a lead developer on financial and logistics API's. These API's handled millions of monthly transactions for critical business units across the company.

TECHNICAL SKILLS:**LANGUAGES:** Java, JavaScript, SQL, Shell Scripting, HTML/CSS, Python**PLATFORMS/OTHER TECH:** Amazon Web Services (AWS), Docker, Node.js, PostGres

EDUCATION:**Bentley University**, Waltham, MA

Bachelor of Science, Computer Information Systems, Summa Cum Laude