

EXPERIENCE

Nomad

Hands-on manager and technical lead for lean, high performing product development team that built Nomad's online platform from the ground up

Head of Engineering and Product

Jan '23 – Present

- + Responsible for Engineering and Product Management teams including front-end, back-end, dev-ops, machine learning, deployment and quality assurance
- + Fostered strong cross-functional collaboration with senior leadership, product, operations, accounting, sales, and business development teams making sure engineering always aligned with overall company priorities

Senior Engineering Manager

Apr '21 – Jan '23

- + Built best-in-class software engineering team through hands-on mentorship establishing a culture of frequent code deployment and continuous integration and delivery, emphasizing bug-free scalable code
- + Conducted cross discipline training and enabled technical growth for all engineers on the team broadening their impact, skill sets, and reducing dependencies
- + Created primary website, REST API, database, admin tools, AI models, testing environments, multiple third-party integrations, and more to convert existing "no-code" solutions into scalable software

Arcadia

Staff software engineer responsible for the transition to a REST API, replaced error-prone manual spreadsheet operations with software, and mentored junior engineers

Staff Software Engineer

Jan '19 – Apr '21

- + Designed and led transition to REST API resulting in 50% increase of developer productivity while collaborating with multiple engineering teams
- + Created API Gateway to orchestrate requests via microservices in order to improve scalability and customer experience after extensive end-user and product research
- + Introduced object-oriented programming to increase junior developer and mid-level developer efficiency resulting in cleaner more testable code, reducing code review iteration by 50%

Senior Software Engineer

Jul '19 – Jan '20

- + Developed new customer sign up process and resulting in 200% more leads
- + Introduced feature estimation and process changes to enable developers to deliver more features on or ahead of schedule

Test Double - Senior Software Engineer (Contract)

Jan '19 – Jul '19

- + Consultant deployed to augment and improve software engineering teams focused on improving code quality, team dynamics, and developer experience

Apartment List

Feb '12 – Dec '18

Technical lead for API team, responsible for introducing API Gateway, and creation of custom in-house notification system

Senior Software Engineer/API Tech Lead

- + Designed, architected, implemented, and was tech lead for large scale notification system resulting in 30% revenue increase
- + Created collaborative filtering recommendation service built with Apache Hadoop to recommend apartment options at scale
- + Created API Gateway using Amazon AWS services to join multiple backend services into one cohesive backend API
- + Primary contributor to internal REST API supporting increased customer acquisition via mobile and web applications

Software Engineer

- + Primary developer for legacy systems and third party integrations

PROJECTS

Year of Commits

- + Year of Open Source Software development contributions to gain insight and provide impact into the open source community.

SKILLS

Engineering Management, Product Management, Agile Software Development, Cross-functional Collaboration

TECHNICAL SKILLS

Python, Docker, Ruby, Ruby on Rails, PostgreSQL, Javascript, Git, CI/CD, OpenSource, Object Oriented Development, API Design, Scalability

EDUCATION

Computer Science, Bachelor of Science (B.S.)

2009

Virginia Commonwealth University