

MATT PETITT - SR ENGINEERING MANAGER

AI PLATFORM, UI, UX, AND DESIGN SYSTEMS

[703-678-6047](tel:703-678-6047) | matt@mattpetitt.com | mattpetitt.com

PROFILE

I'm an Engineering Manager with 15+ years of experience bridging the gap between design, development, and business. I've worked at scrappy three-person startups and global mega-corporations and learned the best from both worlds. I specialize in shipping complex UIs, design systems, and developer tools that empower organizations to build and scale high-quality experiences efficiently. I stay hands-on where it matters, balancing technical excellence with business priorities.

PROFESSIONAL EXPERIENCE

Sr Engineering Manager - AI Platform | Dayforce | Remote | 2021 - Present

Technical Leadership & Innovation

- Founded and scaled the Design System engineering team while also managing UI architecture and accessibility engineering initiatives
- Leading modernization of 100k+ LOC C#/dojo monolith to React-based modern UI stack
- Developed custom analytics tooling to track adoption metrics and developer productivity
- Established an open-source style contribution model fostering cross-team collaboration

Team Growth & Development

- Founded and scaled the engineering team to 13 developers
- 4 years post-launch, our design system is used by 130+ projects
- Built and supported a thriving UI development community for 500+ regularly active users and adopters
- Mentored multiple engineers to promotions, including mid-level to Senior/Lead and QA to Project Manager
- Reduced feature development time by 33% through improved tooling and processes

Senior Frontend Engineer | Amazon AWS | Herndon, VA | 2020 - 2021

Platform Development

- Architected large-scale service health visualization platform processing 100M+ monthly data points
- Designed efficient data delivery patterns optimizing UI performance at scale
- Implemented a customizable dashboard system with persistent configurations

Technical Leadership

- Led collaboration with backend teams to optimize API patterns and caching strategies
- Established performance benchmarks and monitoring systems

- Mentored fullstack developers in our UI stack and frontend best practices
- Drove adoption of best practices for data visualization and UI performance

Lead Frontend Engineer | Cvent R&D | Tysons Corner, VA | 2018 - 2020

Engineering Leadership

- Managed and mentored developers and conducted technical interviews
- Lead a frontend platform team focused on design systems and UI libraries
- Established technical standards and review processes for frontend development
- Led organization-wide adoption of modern frontend practices with an emphasis on A11y
- Ran company-wide trainings for React, Typescript, and accessibility

Technical Innovation

- Streamlined design-to-development workflow through Figma/Framer/Storybook tooling
- Developed components and frameworks for the library and documentation system

Lead Frontend Developer | Extensia | Sterling, VA | 2017 - 2018

Lead UX/UI Developer | CuriosityStream | Silver Spring, MD | 2014 - 2017

Senior Frontend Developer | StoryBlocks | Reston, VA | 2014

Frontend Developer | Hodgson Consulting | Kensington, MD | 2013-2014

EDUCATION

Bachelor of Science in Business Administration, Information Technology Management

Western Governors University | Expected 2025

Went back to school to finish my degree with a focus on technology leadership and management

Northern Virginia Community College | 2012-2013

I was working on my bachelor's in computer science while working full-time, paused after 2 years

TECHNICAL EXPERTISE

Leadership & Management

- Engineering Management
- Product Management
- Technical Mentorship & Development
- Cross-functional Collaboration
- Process Implementation & Optimization
- Design Crits
- SCRUM, Agile, Lean

Architecture & Development

- Large Scale Web Applications
- UI Architecture
- Design Systems
- Frontend Platform Development
- UI/UX Development
- Performance Optimization
- API Design & Integration
- Accessibility (A11y) testing, development, and education

Tools & Technologies

- React, TypeScript, Next.js
- Modern Frontend Build Tools
- CI/CD Systems
- Git, Github, JIRA, Linear
- Figma, Framer, Sketch
- Google Analytics, Pendo
- Anthropic Claude, OpenAI ChatGPT, Cursor, Github Copilot, V0, etc. (Clients and API's)