DANIEL MAGE

FULL-STACK SOFTWARE ENGINEER

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SUMMARY

Software Engineer with 6 years of experience specializing in Ruby on Rails, PostgreSQL, React, and API design. Passionate about building scalable backend systems and delivering clean, maintainable code. Proven ability to collaborate cross-functionally in fast-paced, agile environments.

EXPERIENCE

Software Engineer - Booz Allen Hamilton   (2023 - Present)

- Fixed document processing failures affecting VA legal staff by implementing resilient error handling in background workers, reducing related service tickets to near zero.
- Optimized React frontend performance by implementing debounce mechanism, cutting redundant document requests by 30–50% while improving responsiveness and reducing database load.
- Built intelligent download management system using bandwidth and document size to calculate real-time user feedback via progress bars and delay warnings.
- Optimized document reader with 3-document sliding window, cancelling requests outside the viewport to prevent orphaned API calls.
- Executed production data remediation scripts in Ruby to resume stalled workflows and ensuring continuous case processing.
- Established client-side observability by implementing frontend error logging, dramatically improving debugging efficiency and reducing resolution time.

Software Engineer - Fave   (2019 - 2023)

- Led curated collections feature development, increasing user engagement by 20% through collaboration with design and product.
- Built admin tool for content team, reducing task time from hours to minutes and lowering error rates.
- Integrated Elasticsearch to improve search relevance and UI responsiveness, increasing feature usage.
- Reduced homepage API latency from ~60 seconds to under 200 mili seconds, enhancing user experience.
- Led API performance optimizations, increasing system reliability and reducing latency for critical resources.

TECHNICAL SKILLS

Languages/Frameworks: Ruby on Rails, React, SQL, Node, Python, Docker
Tools: AWS, Redis, RSpec, Sidekiq, Heroku, Elasticsearch, Claude Code, Git

EDUCATION

Le Wagon – Full Stack Web Development Bootcamp
University of Maryland – B.S. in Physical Sciences