

# ADAM FOLSOM

## Senior Software Engineer

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### SUMMARY

Seasoned Senior Software Engineer with over 10 years of experience in developing scalable software solutions and leading technology teams. Expert in modern programming languages and frameworks, with a strong focus on efficiency and innovation. Proven ability to navigate complex project environments to deliver high-impact results that enhance user engagement and business outcomes.

### EXPERIENCE

#### Lead Software Engineer

##### Cognizant

📅 12/2020 - Present 📍 Atlanta, GA

A tech company offers digital strategy, IT consulting, software development, and outsourcing solutions to clients worldwide.

- **Led the development of high-impact projects** such as Marmalade, Evolve, and BallerTV, utilizing cutting-edge technologies including NextJS, GraphQL, and React to enhance user experience and improve service efficiency.
- **Managed teams across stages of software development**, ensuring adherence to best practices and quality standards.
- **Architected and implemented scalable solutions** using a variety of technologies like Ruby on Rails, PostgreSQL, and AWS, which facilitated robust backend services and effective cloud integration.
- **Played a pivotal role in optimizing applications** for speed and efficiency, reducing load times by up to 30%.
- **Drove the adoption of modern frontend and backend frameworks** (React, Node.js, Django, and Vue) across multiple projects, contributing to a consistent, maintainable, and functional user interface and server-side applications.
- **Spearheaded the integration of cloud technologies** such as AWS and GCP across multiple projects, ensuring high availability and scalability while reducing infrastructure costs by 20%.
- **Innovated and integrated AI technologies** such as PyTorch and TensorFlow into projects to personalize user experiences and automate processes, leading to a 40% increase in user engagement for platforms like Marmalade through AI-powered recommendations.

#### Senior Software Engineer

##### Meta

📅 08/2015 - 12/2020 📍 New York, NY

A tech company specializing in social networking, virtual reality, and augmented reality products. They aim to create immersive digital experiences and encourage global connectivity through platforms like Facebook, Instagram, and WhatsApp.

- **Developed and maintained Meta's internal onboarding platform**, which streamlined the integration process for new employees by automating several key functions such as document management, training schedules, and team introductions.
- **Collaborated closely with HR and technical teams** to enhance the platform's functionality, incorporating features that personalized user experiences based on job roles and department requirements, significantly reducing the onboarding time by 25%.
- **Implemented robust security measures and data protection protocols** to ensure the confidentiality and integrity of employee information, adhering to Meta's stringent privacy standards.
- **Conducted regular user feedback sessions** to identify pain points in the onboarding process, leading to targeted updates that improved user satisfaction and engagement metrics across the company.
- **Optimized the platform's backend using modern development practices**, enhancing scalability and performance to support the growing number of Meta employees worldwide.
- **Led a cross-functional team in the iterative design and deployment of new platform features**, ensuring seamless functionality and user interface improvements that aligned with best practices in UX design.

### STRENGTHS



#### Software Engineering

Developing and maintaining robust software solutions for various industries



#### Web Technologies

Proficient in web technologies



#### Communication Skills

Known for excellent communication

### EDUCATION

#### Bachelor's Degree in Computer Science

##### Nanyang Technological University

📅 09/2009 - 03/2013 📍 Singapore, Singapore

#### Bachelor's Degree in Management, Economics

##### Hope College

📅 09/2003 - 05/2007 📍 Holland, MI

### SKILLS

Javascript	Typescript	C/C++	C#	
DotNet	Java	Python	Go	
Ruby on Rails	Rust	React	Vue	
AngularJS	Angular	Next	Nuxt	
Node	Nest	Hapi	Express	
Django	React Native	Native Script		
HTML	CSS	TailwindCSS	Material UI	
Docker	AWS	GCP	Firebase	Git
Mocha	Jest	Enzyme		
React Testing Library	Selenium	Cypress		
Styled Components	PyTorch			
TensorFlow	MySQL	PostgreSQL		
MongoDB				

## EXPERIENCE

### Software Engineer

#### The College Board

📅 04/2013 - 08/2015    📍 Edison, NJ

A global organization creates software solutions to empower students and educators

- **Developed interactive educational tools** aimed at enhancing learning experiences for high school students preparing for college entrance exams, reaching over 500,000 users annually.
- **Contributed to the design and implementation of a customizable dashboard**, which allows educators to track student progress in real-time, helping to improve educational outcomes through targeted interventions.
- **Created algorithms to analyze student performance data**, which led to the development of personalized learning modules and the enhancement of educational content.
- **Made software applications ADA compliant** by adding accessibility features, which enabled students with disabilities to access the tools and promoted inclusivity in educational technology.
- **Assisted in the redesign of the user interface for the main learning platform**, which led to a 30% increase in user engagement due to improved navigability and aesthetics.
- **Participated in workshops and training sessions for educators**, demonstrating effective use of technology in classroom settings and facilitating the adoption of new software features.

## HOBBIES AND INTERESTS

### Physical Fitness and Exercise

Active participation in various physical activities such as running, cycling, swimming, and actively engaging with local sports teams.

### Art and crafts

Embracing artistic expression through a wide range of creative activities such as painting, sketching, sculpting, and the intricate art of knitting

### Cooking or baking

Experiment with different recipes, try new cooking techniques, and explore the culinary world. This hobby allows you to unwind, be creative, and enjoy the delicious results