

# Dean Marano

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## Professional Summary

Experienced full-stack software engineer with 10+ years developing scalable web applications and leading technical initiatives. Expertise in modern JavaScript frameworks, Rails, and cloud infrastructure with a proven track record of delivering user-focused solutions to thousands of users across healthcare, education, and enterprise platforms.

## Experience

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### IBM - San Francisco, CA (Remote)

#### Senior Software Engineer II (through acquisition of HashiCorp)

Apr 2024 - Present

- Started Terraform Frontend Guild: Directed community efforts for frontend developers on Terraform Enterprise Ember application, disseminating critical updates, fostering an inclusive platform for team-wide technical demos, discussion, and feedback.
- Enhanced third-party integration resiliency (LaunchDarkly) and reduced feature flag management complexity across full-stack applications
- Continue developing and maintaining Terraform Cloud & Enterprise products
- Support frontend architecture and infrastructure for enterprise customers, focused on API usage reduction through polling migrations that reduced calls while the browser window was inactive

### HashiCorp - San Francisco, CA (Remote)

#### Senior Software Engineer II

Jan 2021 - Apr 2024

- Contributed to frontend foundations team for 18+ months, facilitating 3 major Ember.js upgrades with zero downtime or developer freezes, including package updates, legacy code removal, and critical bugfixes
- Implemented accessibility improvements to AAA conformance standards for Terraform Cloud, ensuring compliance and improved user experience
- Architected "Projects" grouping strategy across Terraform Cloud & Enterprise, developing both frontend and backend components to deliver new organizational structure for enterprise organizations (Ember.js, Rails)

### Trice Imaging - San Diego, CA (Remote)

#### Senior Software Engineer

Nov 2018 - Dec 2020

- Maintained and enhanced web-based DICOM viewer and medical imaging archival service, supporting healthcare professionals globally (Rails, Ember.js)
- Delivered customizable forms system for OBGYN clinics and medical research projects, enabling data collection across international deployments
- Developed software following FDA Class II medical device regulations and EU medical device compliance, implementing rigorous code release practices and regulatory documentation

### BMW Technology - Chicago, IL

#### Technical Lead

Jun 2017 - Apr 2018

- Led technical strategy and architecture decisions for customer-facing Angular/iOS application
- Productized concept application with performance optimizations, monitoring implementation, and stability improvements

### eSpark Learning - Chicago, IL

#### Senior Software Engineer

Dec 2015 - Aug 2016

- Delivered educational features in Angular/Rails/AWS application serving 50,000+ PK-8 students
- Defined product direction emphasizing evidence-based decisions and design sprint methodology

### **Groupon - Chicago, IL**

#### **UI Engineer / Full Stack Engineer**

Jan 2012 - Nov 2015

- Led Ember.js implementation and training across internal teams, building deployment system for single-page applications
- Extracted legacy deal creation pipeline into service-oriented Rails application and maintained automated merchant payment system

### **Skills**

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**Languages:** JavaScript, Ruby, HTML/CSS, Clojure

**Frameworks:** Ember.js, Rails, Angular

**Technologies:** AWS, Docker, PostgreSQL, Redis, Linux

**Practices:** Agile development, Test-driven development, Accessibility compliance, CI/CD

### **Education**

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**DePaul University - Chicago, IL**

**Master of Computer Science, Artificial Intelligence**

**Hope College - Holland, MI**

**Bachelor of Science, Computer Science**