

# JEREMY HAMM

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[Github](#)  
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## Technical Skills:

**Languages:** JavaScript/TypeScript, Vue, PHP, Laravel, NodeJS, Go, Python, GraphQL

**Databases:** MySQL, Postgres, DynamoDB, Redis, MSSQL

**Tools:** Jenkins, Docker, Kubernetes, AWS, Serverless, RabbitMQ, Kafka

## Professional Experience:

### **RAYA - SR. SOFTWARE ENGINEER - Remote - 12/23 - Present**

- Built a cross-system in-app notification system for key events like messages and new connections. This feature has increased engagement by over 15%.
- Contributed to the development of a personalized recommendation system using machine learning, working closely with product and other teams to tailor user experiences based on behavior, a key driver of company revenue.
- Improved in-app search and content discovery by integrating Elasticsearch and designing custom indexing strategies, cutting down query times and making both structured and unstructured data easier to find.
- Refactored a critical Node.js backend to boost performance, reliability, and scalability, simplifying CI/CD workflows, reducing response times, and keeping user-facing services stable at high traffic.
- Supported and mentored junior engineers through code reviews and design discussions, contributing to a strong engineering culture focused on quality, ownership, and continuous learning.

### **PLATFORM SCIENCE - LEAD ENGINEER- Remote - 10/19 - 12/23**

- Built and expanded REST APIs in Laravel to support multi-tenant trucking fleet integrations, making customer onboarding smoother and easier to scale.
- Developed integration APIs using Laravel and TypeScript (with serverless infrastructure on AWS) to help external vendors securely access customer data and reduce manual onboarding work.
- Designed and maintained a RabbitMQ-based message queue system to process and analyze 1,000+ messages per second for large enterprise fleets.
- Mentored a small team of junior engineers through regular code reviews and 1-on-1s, helping them grow technically while keeping code quality high.
- Set up and maintained deployment pipelines using Docker, Jenkins, Rancher, and Kubernetes to reliably ship both containerized and serverless applications.

### **SOLIDPROFESSOR - SR SOFTWARE ENGINEER- SAN DIEGO, CA - 08/15 - 09/19**

- Built and implemented a subscription-based service for our learning management system by using Laravel and Stripe which led to an increase in payment transactions by 70%.
- Designed and built a new OAuth2 authentication system by using Laravel and VueJS leading to an

increase of our user accounts by 40%.

- Responsible for scaling our web server by implementing a memory caching layer into our existing API by using PHP Memcache.
- Partnered with the CEO to architect and design multiple long-term company projects by creating flow charts, performing sprint planning, and sharing company wide reporting.
- Lead a team of 5 mid-level developers which included weekly 1on1's, sprint planning, product grooming and setting KPI's for each developer.

#### **PETCO - SR GIS WEB DEVELOPER - San Diego, CA - 08/12 - 08/15**

- Developed mapping and site selection application using JavaScript and ArcGIS. This application saved the organization \$100,000 annually.
- Created tools for calculating store sales, querying demographic data and creating reports using Python. This saved multiple hours each week for the executive site selection process.
- Designed a user interface for the sales prediction model using JavaScript and Python. This empowered financial analysts and key strategic partners to model store sales estimates on demand.
- Administered data and web services including; SQL Server, REST Services and software versioning. This allowed our team to run efficiently when providing analysis for real estate acquisition.

#### **Education:**

M.S. GEOGRAPHICAL INFORMATION SCIENCE | San Diego State University

B.S. COMPUTER INFORMATION SYSTEMS, BUSINESS ADMINISTRATION | Colorado Christian University