

JEREMY HAMM

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[Github](#)
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Technical Skills:

Languages: JavaScript/TypeScript, NodeJS, Go, Vue, Angular, PHP, Laravel, 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 and maintained a **LLM** service for processing large-scale text data, improving search functionality with better language understanding and sentiment analysis.
- Contributed to a recommendation system that used ML to provide personalized dating recommendations. This service was the primary revenue driver for the company.
- Enhanced the search functionality of the Raya app by integrating Elasticsearch and other indexing tools for faster and more accurate results.
- Improved NodeJS server application by increased reliability, improved deployments, reduced latency, and ensured critical services were always available in production.
- Mentored junior engineers, offering code reviews, feedback, and guidance to encourage professional growth and knowledge sharing.

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

- Developed serverless integration API using **TypeScript**, **ExpressJS**, and **AWS** in order to improve efficiency and onboarding for external vendors to access customer data
- Built a message queue system using **RabbitMQ** to analyze and process over **1000+** messages per second for enterprise trucking fleets.
- Architected and designed a **Serverless Lambda** API in order to improve the onboarding of customers leveraging our messaging queues. This lead to an overall reduction in onboarding time by **upwards of 30%**
- Responsible for mentoring a team of 4 junior level engineers by performing code reviews, providing 1on1 mentorship, and equipped them with technical direction.
- Created multiple deployment pipelines using Docker, Jenkins, Rancher and Kubernetes. These were used to deploy both containers and serverless applications.

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

- Built and implemented a subscription based service for our LMS by using Laravel and Stripe which lead 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