

Madhav Gharmalkar

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WORK EXPERIENCE

Infiswift Technologies

Jan. 2019 – Present

Frontend Tech Lead and Data Scientist

Milpitas, CA

- Lead a team of 3-4 front-end developers to create dashboards and tools for enterprise analytics and machine learning platforms. Create web applications that can serve several thousands of concurrent users, consume and display streaming data, and that is edge deployable. [React].
- Created and deployed machine learning models, leveraging streaming IoT data in order to provide real-time insights and alerts in order to improve manufacturing output by 30%. [Python, TensorFlow, SparkML]
- Created various NodeJS and Python backends to support the frontend and machine learning applications.

Experian Consumer Services

June 2017 – June 2018

Software Developer

Costa Mesa, CA

- Contributed to an enterprise level, customer facing, frontend application, that facilitated over a million dollars of monthly revenue. Implemented systems for A/B testing, as well the underlying analytics to evaluate component performance [AngularJS]
- Maintained and added to a set of internal CMS tools built on Drupal, that leveraged various AWS services that increased frontend load times by 50%, and developer productivity by 75%.
- Created a set of Scala, Java, and Node microservices to add new features to B2B and customer facing applications as well to support the BI analytics platform.

Infiswift Technologies

February 2018 – June 2018

Software Developer

San Ramon, CA

- Created a configurable, user-friendly, data pipeline engine that allows non-technical users to transform and label data to train machine learning models from streaming IoT data sources [React]

HackUCI

September 2016 – February 2018

Web Systems Architect

Irvine, CA

- Led a team of 4 developers to create a public facing event management, platform that was designed to scale and endure high volumes of traffic, over 2000 concurrent users [AngularJS, NodeJS].
- Designed a CI pipeline for automatic escalation and deployment of services [Jenkins, Heroku]

Experian Consumer

January 2016 – December 2016

Software Development

Costa Mesa, CA

- Developed a frontend analytics service for the customer facing single page application [JavaScript, AngularJS]. The service leverages several cloud technologies [AWS Redshift, AWS Kinesis, Splunk] to deliver real-time BI metrics and error reporting.
- Created and maintained several microservices [NodeJS, Scala] serving various functions in the cloud, as well as applications that powered frontend analytics that allowed data scientists to increase direct to customer (D2C) revenue by 12%.

EDUCATION

University of California, Irvine

June, 2018

BS, Data Science

Irvine, CA

- [HackUCI 2015 - 2017] Led teams from five to seven members to organize Orange County's largest hackathon which lasted over 36 consecutive hours and had over 400 attendees.
- Coursework in Big Data, Data Analysis, Bayesian Analysis, Machine Learning, Data Mining