AMAN AGRAWAL

amanag96@gmail.com | amanag96.github.io

EXPERIENCE

Software Engineer, Cisco, San Jose, CA   July 2019 - Present
- Designed, developed, tested and shipped Totem, a service that automates management, testing and development processes for IOS-XR. Technologies used: Flask, MongoDB, React, ELK, Docker, Jenkins, Selenium, Sketch.
- Designed data pipelines for Next Generation Performance Monitoring on Cisco IOS-XR devices with anomaly detection and real-time alerting.
- Led team of 4 using Agile methodology to deploy Totem in 6 months. Totem saves >200 man-hours / week for engineers and managers.

Product Engineer, Infinite Options, San Jose, CA   January - July 2019
- Developed MVP of Serving Now, a marketplace where people can sell food out of their homes (micro-kitchens).
- Designed interfaces (Sketch), built backend (AWS, Flask) and mobile application (C#) for iOS / Android / Web, managed team of 4.

Front of House Team, Alinea, Chicago, IL   June - December 2018
Alinea is a 3-Michelin starred restaurant ranked on the World's 50 Best Restaurants list.
- Uniquely responsible for: training and supervising 10 Food Runners, special projects directly under the Executive Chef and General Manager, and creating unique experiences for VIP guests.

Software Engineering Intern, QueueDr, Boston, MA   June - August 2017
QueueDr is a healthcare startup revolutionizing doctor schedules and patient wait-times.
- Planned and executed a database migration in Ruby on Rails that allowed QueueDr to scale for large provider networks.
- Migrated payments to Stripe, increasing ease-of-use, security, and scalability.
- Expanded test coverage (RSpec) by 50% service-wide.

Systems Engineering Intern, Juniper Networks, Herndon, VA   June - August 2016
- Built tool enabling Sales Engineers to effectively demonstrate Virtual Networks to customers. Developed a UI (Angular JS) guided by Perl scripts that automate the configuration of vSRX firewalls, vMX routers, and vQFX switches into mock production networks.
- Demo tool saved labor hours for Sales Engineers and streamlined the sales approach for Virtual Networking products.
- Demonstrated tool at Juniper's annual sales summit and shipped product to Commercial and Federal Sales teams.

EDUCATION

University of Michigan, Ann Arbor - B.S. in Computer Science, 2018

SKILLS/TECHNOLOGIES

Python, JQuery/JavaScript, Ruby on Rails, C++ | MySQL, ELK, MongoDB | HTML, CSS
CI/CD, Jenkins, Docker, Agile, Sketch (UI/UX Design), Documentation, AWS, Linux