ANEESH VEMPATY

1585 Danromas Way, San Jose, CA, 95129

408.802.4214 | aneesh.vempaty@gmail.com

Portfolio: https://avempaty.github.io/

Experienced Software Engineer looking for a full-time position developing software products.

PROFESSIONAL EXPERIENCE:

Amazon Web Services – Software Engineer   Feb 2019 – Present
- Worked on the SMS (Server Migration Service) and the VMIE (VM Import Export) team.
- Built SMS integration with AWS ADS (Application Discovery Service) to allow AWS customers to import their application servers seamlessly to new datacenters.
- Created public API commands for the AWS CLI to allow customers to monitor VMIE task status.
- Enhanced the accuracy of Windows OS detection allowing us to install the correct drivers earlier in the VM onboarding process, improving latency and resource utilization.
- Contributed to building VMIE service infrastructure in 2 new datacenters.
- As part of on-call rotation, created runbooks, handled customer escalations, debugged production issues, and set up alarms for new features like 15-Minute Replication and Export Image API.

Visa Inc. - Software Engineering Intern   May 2017 – August 2017
Customer Data Management Application - Access Control
- Collaborated with Senior Management to organize access-control roles.
- Implemented access-control layer for pages from scratch using Java Spring Framework.
- Improved authentication security by adding server-side validation for all requests.

Payment Analytics and Monitoring Application - Interval View Page
- Learned Splunk API to query more than 50 payment statuses.
- Used Grafana API to create a page displaying any interval of the payment statuses.
- Modified existing payment data chart to support opening my interval page.

Micello Inc. - Software Engineering Intern   June 2015 - August 2015
- Integrated multiple APIs with Micello's indoor maps to create different applications.
- Built a Micello service application for requesting Uber rides from indoor locations and navigating users to the exist closest to their pickup location.
- Built a travel planning application that used FlightStats API for users to get detailed information of flights arriving and departing from SFO airport.
- Built an application using AccuWeather's API to give weather, latitude and longitude information.

PERSONAL PROJECTS:

Vibe (Fullstack Engineer) - "Instagram for Sharing Music"   January 2018 - May 2018
- https://mymelody.herokuapp.com/
- Developed Feed page, Profile page, and Create-post modal.
- Created all RESTful HTTP API endpoints for users and posts.
- Used Spotify API to play song snippets and get song information.

Perspective (Game Developer) - "VR Puzzle Game"   August 2016 - December 2016
- https://perspective-499af.firebaseapp.com
- Built a virtual reality puzzle game using Unity 5 with a team of five engineers.
- Led level design from layout, game mechanics, and interactable objects.
- Designed and developed buttons, keys, and doors for each level.

Uberlytics (Frontend Engineer) - "Uber Surge Price Visualizer"   May 2016 – September 2016
- Built website application that calls the UberRUSH API to graph surge prices
- Worked with Firebase API to collect data and display them on the website

EDUCATION:

Purdue University, West Lafayette, IN   May 2018
B.S. in Computer Science, GPA: 3.21

Coursework: Computer Architecture, Distributed Systems, Algorithms, Data Structures, ML, Testing
Languages: Java, Node.js, JavaScript, HTML, CSS, C, C++, MySQL, MongoDB, Python
Frameworks: Spring, Unity 5, Splunk, Grafana, MEAN Stack, React, Vue, Firebase