

ANEESH VEMPATY

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

Purdue Computer Science graduate with experience building enterprise tools and consumer products. Experience includes developing payment data tools at Visa and consumer products at Micello. Full-Stack problem solver proficient in developing Java backend services and React web applications.

PROFESSIONAL EXPERIENCE:

Visa Inc. - Software Engineering Intern

May 2017 – August 2017

Customer Data Management Application - Access Control

- Collaborated with Senior Director to create three access-control roles.
- Implemented access-control layer and roles from scratch using Java Spring Framework for pages.
- Improved authentication security by adding server-side validation for all requests.
- Skills: Java (Spring Framework), JavaScript, Internal APIs, Scrum

Payment Analytics and Monitoring Application - Interval View Page

- Created a brand-new interval page to display and filter over 100k daily transactions.
- Developed API endpoints to query more than 50 payment statuses using Splunk.
- Developed a chart using Grafana to display payment statuses for any interval of time.
- Skills: Golang, Javascript, HTML, Splunk, Grafana, Internal APIs, Scrum

Micello Inc. - Software Engineering Intern

June 2015 - August 2015

Indoor Maps - Mall Enhancements

- Built a maps widget for requesting Uber rides from indoor locations.
- Used Micello indoor maps and Uber API to request rides at the most optimal pickup location.
- Implemented indoor directions to navigate user to their pickup location.
- Skills: PHP, JavaScript, PHP, Uber API

Indoor Maps - Airport Enhancements

- Built a travel planning extension for users to get detailed information about flights.
- Used Micello indoor maps and FlightStats API to show flight detail information for each terminal.
- Used AccuWeather's API to give weather, latitude, and longitude information about each flight.
- Skills: PHP, JavaScript, FlightStats API, AccuWeather API

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.
- Skills: Node.js, REST, Vue, JavaScript, HTML, CSS, MongoDB, Spotify API

Perspective (Game Developer) - "VR Puzzle Game"

August 2016 - December 2016

- <https://perspective-499af.firebaseio.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.
- Skills: Unity 5, C#, Oculus Platform

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
- Skills: React, JavaScript, HTML, CSS, Firebase, Uber API

EDUCATION:

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

May 2018

Coursework: Computer Architecture, Distributed Systems, Algorithms, Data Structures, ML, Testing

Languages: Java, JavaScript, HTML, CSS, C, C++, C#, R, SQL, Python

Frameworks/Programs: Spring, Unity 5, Splunk, Grafana, MEAN Stack, React, Vue, Firebase, Node.js