

# Sumanth Reddy Pandugula

+1 (312) 874-8631  
summyfeb12@gmail.com  
[www.summyfeb12.me](http://www.summyfeb12.me)

5005 Palisade Ave, #409  
West New York, NJ, 07093

<b>Education</b>	<b>M.S, Computer Science</b> University of Illinois at Chicago, IL, USA	<b>GPA: 4.0/4.0</b>	<b>May 2017</b>
	<b>B. Tech, Computer Science Engineering</b> SRM University, Chennai, Tamil Nadu, India	<b>GPA: 4.0/4.0</b>	<b>May 2015</b>
	<b>Research Intern</b> in Education Technologies at <b>Carnegie Mellon University</b> Pittsburgh, PA, USA – September 2014 to February 2015		

**Technical Skills** Node.js, JAVA, React, C#, C, Python, HTML, CSS, JavaScript, D3.js, Leaflet.js, Mapbox.js, SciPy, Weka, MATLAB, JESS, Netica, SQL, PHP, MySQL, Oracle PL/SQL, MongoDB, AWS

**Work Experience** **Senior Software Developer at Vitech Systems Group** *June 2017- Present*

- Design and development of insights application that keeps track of app and resources usage.
- Design and develop AI pipelines that act as extensions to V3 insurance, for anomaly detection and plan prediction.
- Design and develop custom Alexa skills to enhance V3 enterprise product.
- Developed an enterprise file storage system that can access multiple cloud and internet filesystems with one API and multiple configurations.
- Worked on a Microsoft Word Plugin to make enterprise product features available and sync between web applications and word document templates.

**Web Apps Developer at University of Illinois Chicago** *March 2016 – May 2017*

- Worked on U-Pass project that is written in C# and helps university in the distribution, management and record keeping of public transit passes to over 15000+ students each year.
- Designed and developed a REST API service that Student organizations can use to populate campus events on their pages using OrgSync API.

**Selected Projects**

**PlanPredict – Humana Data Challenge Winners, TechCrunch Disrupt SF ‘19**  
Allows a person to select the cheapest insurance plan based on their out of pocket cost. It does this by predicting the number of medical claims for the next year based on their previous claim history and calculating the out of pocket for each plan.  
*Under the Hood: AWS Athena, Python, Node.js, HTML, CSS, JS, Angular, MongoDB*

**OnReel News – 1<sup>st</sup> place at Facebook Global Hackathon Finals ‘15**  
This application lets users track developing stories around the world in real time through videos taken by direct witnesses.  
*Under the Hood: Leaflet.js, Mapbox.js, Python, Node.js, HTML, CSS, JS, React, Instagram API.*

**AutoTBT – Facebook API Prize Winners (TartanHacks’15 Carnegie Mellon University)**  
Auto TBT or Automatic Throwback Thursday, reduces human effort in posting throwback pictures to Facebook, a very popular hashtag in social media.  
*Under the Hood: Facebook Graph API, Django, Python, HTML, CSS, JavaScript.*

**Blocks of Sugar – Comcast API Prize Winners (PennAppsXIII University of Pennsylvania)**  
Connects diabetes patients within neighborhood to learn from and motivate one another through chat and leaderboard. Map interface for health related events and news.  
*Under the Hood: EveryBlock API, Two Sigma API, Twilio API, HTML, CSS, Leaflet.js, D3.js, Node.js, OneTouch Reveal API, R*

**Federal Reserve Chief 2.0 – Applied Artificial Intelligence Course Project**  
Bayesian network that models the factors affecting inflation along with decision making and utility nodes to assist the chief of Federal Reserve to make decisions in case of inflation.  
*Under the Hood: Netica, Probability, Economics.*

**Shadows in the Rain – Visual Analytics Course Project**  
Facilitates for visualizing the hurricanes that developed in the Atlantic and Pacific Oceans, their path, their wind speed from the year 1851 till date.  
*Under the Hood: Leaflet.js, Mapbox.js, less.js, HTML, CSS, JavaScript, PHP, MySQL, D3.js*