

ARPIT PARIKH

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EDUCATION

George Washington University, Washington, DC

Jan 2017

- *Master of Science in Computer Science*, **GPA: 3.75**
- Product Pitch at 2017 GW New Venture Competition Kickoff, NCTTA Team A member, ACM DC chapter member, GW Jet brains club member.
- Relevant Coursework: Full Stack Software Engineering, Software Paradigm, Database System-2, Big Data and Analytics, Enterprise Java Development, Advanced Design and Analysis of Algorithm, Software Testing and Quality Assurance.

Gujarat University, India

May 2013

- *Bachelor of Science in Computer Engineering*, **GPA: 3.7**
- Graduated with top 5% from college and got A+ in final year project.

TECHNICAL & LANGUAGE SKILLS

Programming Language: Java (Expert), Node JS (Expert), SQL (Proficient), C++ (Proficient), Python (Familiar), PHP, R (Familiar).

Web Development: Angular JS, Ionic Framework, React JS, CSS, Less, REST, Ajax.

Backend Framework: Express JS, Mongoose, Spring MVC, Hibernate, Play, Code Igniter.

Control System: GitHub, SVN, Bit bucket. **Build Manager:** Maven, Ant, NPM

Database: MongoDB, MySQL, PostgreSQL, SQLite, Redis **Cloud Technologies:** Amazon EC2, Google Cloud Platform.

Tools and IDE: Eclipse IDE, IntelliJ IDE, Docker, JIRA, Putty, R Studio, Macro Express, NLTK, IBM Blumix and IBM alchemy.

WORK EXPERIENCE

Promantus Inc. (Start Up: Agnes.io), Washington, DC

May 2016 – Present

Software Engineering Internship (Full Stack Developer)

- Experience with scrum based software development, coordinate daily scrum meeting and complete sprint development deadlines.
- Independently implemented features such login, Oath with Facebook, mandrill marketing, event and group listing and searching,
- Build the hybrid application to increase student engagement and overall campus experience by connecting students to the opportunities that inspire them and that actively matches students to events, groups, and like-minded peers within the campus community, based on shared passions, skills, and goals.
- Explore and develop the API for the front-end and contribute in managing the infrastructure using AWS cloud platform, creating clusters using Docker and scale the system using kubernetes.

George Washington University, Washington, DC

July 2015 – May 2016

Graduate Student Assistant, Part Time, Resource Description Group, GWU Libraries (<http://gwbibframe.wrlc.org>),

- Researched on Converting Marc to linked data using Bib framework and open source product of Apache Solr and Black-light.
- Designed macros to update and insert 100k records from different Excel sheets into Voyager Cataloging Software.

GW Hatchet (Independent student newspaper of George Washington University), Washington, DC

Feb 2015 – Jun 2015

Front End Developer, Part Time: Design and develop the web page using PHP and its frameworks for different activities.

The Gateway Technolabs, India

Software Engineer, Full time

Sep 2013 – Dec 2014

Project Name: ArtistBomb.com (Client-Stellar Web Studios, USA)

- Implemented and contributed in front end and back end designs, wrote maintainable and extensible code in a team Environment.
- Exposure of the Micro Service and push based architecture designed by separating business, data and user interface for the project.

Project Name: Documents Management System with Search Engine

- Included full search-text searching capabilities, facet searching and highlighting features to build interactive search result of uploaded documents from different users.
- Resolved Apache Solr heap problems, managing concurrent connection using tomcat, modified existing schema and improved overall searching performance.

PROJECT WORK

- **Data Analysis of Data Set: Enron Mail and Mushroom Subset: (R Studio, Excel):** Extracted the data and calculation using different R packages. Used different clustering and classification algorithm techniques for data analysis.
- **Micro Service Architecture based Web Application (<https://git.io/vVzx2>):** Developed 3-tiered state full application to create, schedule, edit and share comments and information with REST architecture.
- **Community Twitter Gateway: (jQuery, AJAX, Backbone JS, MongoDB, Socket.io, and Twitter REST):** Allowing groups of users to post to twitter as a group. Individual users can submit updates, but they will not be posted to twitter until other Members of the group agree that they should be published.
- **Electricity Meter Reading Android Application:** Reads the electric meter readings and store in SQLite database, communicate with web database using RESTful web services support of PHP. Implemented geolocation of meter to locate the nearest meters using google map API.