

ARPIT PARIKH

Recent Computer Science Graduate | Open for Full time Software Engineering Opportunity

📍 Washington, DC
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Education

Master of Science in Computer Science GPA 3.7 Jan 2015 - Jan 2017

George Washington University

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.

Bachelor of Science in Computer Engineering GPA 3.5 May 2009 - May 2013

Gujarat Technology University, India

Graduated with top 5% from college and got A+ in Final Year Project.

Skills

- **Programming Language:** Java (Expert), Node JS (Expert), SQL (Proficient), C++ (Proficient), Python (Familiar), PHP, R .
- **FrontEnd Expertise:** Angular JS, Ionic Framework, React JS, CSS, Less, REST, Ajax, Web pack, BEM/CSS3 via Sass, W3C Validated HTML5.
- **BackEnd Expertise:** 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

Full Stack Developer May 2016 - Present

[Promantus Inc. \(Startup: Agnes.io\)](#), Washington DC

- Responsible for 7 Node JS production services all with thousands of concurrent connections. All of which are Virtualized (Docker) based services. Also, lead the performance, and tuning of these services and ensured resiliency and uptime while communicating with external dependencies.
- Backend development with Node JS with the Express and MongoDB.
- Frontend development with plain JavaScript, Ionic 2 Angular 2, Bourbon/HTML/CSS along with many Cordova based native plugins.
- Integration development with Node JS into Facebook graph api, Mandrill, Stream.io, Segment and Twilio ip messaging, Elastic Search, AWS S3 etc.
- API development with Node JS rest framework and setup AWS infrastructure to accommodate more than 10k active users. Improved backend performance with Redis and clustering.
- Working in an agile work environment with daily standups, sprint planning, and demos.

Graduate Research Assistant (Resource Description Group, GWU Libraries) Sep 2015 - April 2016

[George Washington University](#), Washington DC

- 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.

Front End Developer, Part time Feb 2015 - Jun 2015

[GW Hatchet](#) (Independent student newspaper of George Washington University)

- Design and develop the web page using PHP and its frameworks for different activities.

Software Engineer Sep 2013 - Dec 2014

[The Gateway Technolabs](#), India

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

Projects 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.