

# Arpit Parikh

Software Engineer at Promantus Inc

arpithparikh@gwu.edu

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## Summary

Arpit is currently working as Software Engineer in new startup organization inside Promantus Inc, the smartest way to discover campus and All in one place, filter through the largest collection of events and groups on campus and find opportunities that meet your interests. Arpit loves to coordinate with multiple teams and come up with solutions satisfying multiple stakeholders considering a horizon of multiple years.

Having seen how technology is perceived by an implementation partner and an industrial user, Arpit knows how most of the industries think of technology. He believes that technology will be responsible for the next paradigm shift in the world.

If you believe it too, you know you got the right guy...

GitHub: <https://github.com/arpithparikh>

Programming Languages: Node.js, Java, NoSQL, C++, Python, Scala, R.

Web Technologies: REST, JSON, AJAX, XML, Google Protobuf, HTML5, PHP, JavaScript, CSS

Frameworks: MVC, Node.js, Spring Boot, Play, Ruby on Rails, JSP, Servlet, JPA, Hibernate, Apache Solr, Angular Js, Ionic, React, Redux

Mobile Platform: Android SDK, Objective C

Cloud Technologies: Docker, Amazon EC2, Cloud9, Openshift

Database: MongoDB, MySQL, Oracle 10g, Post Gre, Redis

Testing: Selenium Web Driver, JUnit, JMeter, Shell Scripting Automation

Tools/Libraries: Git, Jenkins, JIRA, Gradle, Maven, Eclipse, IntelliJ

Operating Systems: Linux, IOS, Windows

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## Experience

Software Engineer at Promantus Inc

May 2016 - Present

First worked as a full-stack software engineer, then transitioned to a more backend-end-focused role. As a full-stack engineer, I am responsible for the end-to-end process—planning, design, implementation, testing, and maintenance—of multiple features, for Agnes App. Features ranged

from various data analytics tools to user-generated content features, to Mongo DB optimizations, to build models for search features.

Second, Creating the next generation design and collaboration platform using micro-services based on Node.js.

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.

2018 Responsibilities:

Integration of user-facing elements developed by front-end developers with server-side logic

Writing reusable, testable, and efficient code

Design and implementation of low-latency, high-availability, and performant applications

Implementation of security and data protection

Integration of data storage solutions (Mongodb)

I have been chosen as one of the interviewers for the company's new hires and have been given the task of teaching our interns about software practices and object oriented design patterns.

Technology Stack(Angular 2, Node.js, Amazon Web Services, Python, Spark, MongoDB,Redis,Rabbit MQ)

**Graduate Research Assistant – Resource Description Group at George Washington University**  
**June 2015 - April 2016 (11 months)**

Research on Making the Library Environment more interactive by collaboration of Linked data and Big Data.

Research project on Linked Data for Library LD4L to create a Scholarly Resource Semantic Information Store (SRSIS).

Working with Resource Description Group in Gelman Library to implement content management tasks Technology used in LD4L: Java, RDF, Virtuoso Data Server, Backlight Open Source Project.

Extracted data from the library database tool Voyager and performed Data Cleanup.

Performed Data Analysis using Advanced MS Excel for departmental statistics and database maintenance.

**Front End Developer at The GW Hatchet**

**February 2015 - June 2015 (5 months)**

Design and develop the web page for different activity.

Working sample: <http://northwest.gwhatchet.com/#1>

**Associate Software Developer at Gateway Technolabs Pvt. Ltd.**

## September 2014 - December 2014 (4 months)

The technology used: Spring MVC 3, Hibernate JSP, XML, Ajax, Jackson, JQuery Mobile, Maven, JIRA, Apache Jetty, Spring Security.

Identified tools and requirements of the client by system analysis and gathering the requirements from the client.

Performed system design tasks by creating various class diagrams, use case diagram and Sequence diagram.

Developed system in Micro-service architecture using JSP, HTML5, Bootstrap, JavaScript, MySQL, Hibernate, Apache Web Server. Also developed RESTful Web Services for other platforms to use business services.

Implemented several features like High Availability, TLS/SSL, Req/Resp Compression, Asynchronous services using Ajax.

## Software Engineering Intern at Gateway Technolabs Pvt. Ltd.

### August 2013 - August 2014 (1 year 1 month)

Developed Softwares using Java, Spring MVC, Hibernate, Apache Solr, Html 5, JQuery, Ajax, and CSS3.

Existing software features enhancement and software Testing.

Implemented system which manages documents with giving the full support for the admin and user access.

Implemented full search-text searching capabilities, facet searching and highlighting features to build interactive search result of uploaded documents from different users.

Resolved Solr heap problems, managing concurrent connection using tomcat, modified existing schema & improved overall searching performance.

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## Education

The George Washington University

Master's degree, Computer Science, 2015 - 2017

Activities and Societies: Active member of Graduate Computing Club, Participated GWhackathon, GWInternational Club

Gujarat University

Bachelor of Engineering (BE), Computer Engineering, 2009 - 2013

Activities and Societies: IEEE Student Member, Actively participated in Xenesis(Techno Events).

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[Contact Arpit on LinkedIn](#)