

## PRANNOY SINGH

607S Beech St, Syracuse NY 13210 Cell # : 315-728-8099 Email : psingh07@syr.edu

LinkedIn : [linkedin.com/in/prannoysingh](https://www.linkedin.com/in/prannoysingh) Website : <https://prannoysingh.github.io/>

Highly accomplished and experienced software developer with mastery of Java & Cloud computing. Able to work independently with little to no supervision as well as functioning as an excellent team player. Exceptional record overseeing all facets of Software Development Life Cycle, from analysis and design to implementation and maintenance. Currently pursuing Master's Degree in Computer Engineering at Syracuse University.

### EDUCATION

**Syracuse University, NY**

**Graduating by May 2018**

**M.S Computer Engineering (Software Track), GPA: 3.5**

- Related Courses: Cloud Computing, Object Oriented Design, Advanced Data Structures, Advanced Computer Architecture, Design Patterns and Software Modelling and Analysis.

**Baddi University, Himachal Pradesh, India**

**July 2015**

**B.Tech in Computer Science**

- Completed the IBM-ICE program with specialization in cloud computing.

### WORK EXPERIENCE

**Software Engineer, Capgemini**

**Aug 2015 – Dec 2016**

- Key team member on numerous projects utilizing Java, Java EE, Enterprise Java Bean, and Apache Struts Web applications to create fully-integrated client management systems.
- Developed various components using JSF, JavaBeans and HTML5 and oversaw all stages of design, development, and deployment
- Work directly with key stakeholders, vendors, and third parties to ensure that database management applications operate at peak efficiency.
- Managed all phases of unit testing and custom wrote unit test scripts
- Prepared comprehensive and detailed technical documents

**Intern, Vertex Infotech**

**June 2014 – Aug 2014**

- Developed code in sync with charted out specifications.
- Participated in implementation of smaller modules into larger ones.
- Helped design form validation programs using HTML and JavaScript.

### PROJECTS

**NoSQL Database,**

Developed a Key/Value store NoSQL Database System to handle large database such that it can offer higher scalability and flexibility which can also perform basic operations of handling data and complex operations such as query processing.

**Ecommerce Website,**

Designed and developed an Ecommerce website where users can shop for groceries and household items. It was designed using HTML, CSS, JavaScript, PHP and SQL.

**Remote Code Publisher,**

Designed a message passing communication system based on Sockets. The communication provides support for passing HTTP style messages using asynchronous one-way messaging.

**Dependency Based Code Publisher,**

Developed a publisher program that provides creation of web pages, which captures the contents of C++ source code. It had the facility to expand or collapse class bodies, methods and global functions using JavaScript and CSS properties.

**Type-Based Dependency Analysis,**

Analyze the code's (C/C++) syntax from its lexical content. Implemented this tool with C++ to get type definitions (classes, structs, typedefs, and aliases), global function definitions, global data definitions, and file path. The analysis was stored in XML format to a specified file.