

## PRIYANKA TAYADE

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### OBJECTIVE

Full stack software developer

### EDUCATION

| University                                | Degree, Major                | Year                 |
|---|------------------------------|----------------------|
| Santa Clara University, USA (CGPA 3.36)   | MS, Computer Science & Eng.  | Jan 2014 - June 2015 |
| University of Mumbai, India (First Class) | BE , Electronics Engineering | July 2008 - May 2015 |

### SKILLS

**Programming Languages:** Java, Python, C#, C, C++, SQL, shell scripting, HTML, CSS, JavaScript, php, XML.

**Familiar Frameworks:** J2EE, JAX RS, Maven, JQuery, Bootstrap, Node.js, Play! Framework, Qt.

**Relevant courses:** Advanced Algorithms, Secure Coding in C and C++ (Linux), Network Technology, Mathematical basis For Computing, Cryptography, Software Modelling and Analysis, Object Oriented Programming Paradigm, Big Data and Analytics.

### PROFESSIONAL EXPERIENCE

#### Axiom Exergy, Berkeley, USA Software Consultant 17 Aug 2015

- Built secure cloud server framework on sustainable web server using Platform as a Service.
- Designed and Developed REST full API that can handle incoming real-time data points request.
- Implemented Web client real time Graphing framework using D3.js Data Visualization tool.
- Technologies used are Java, Jersey, JAX RS, MongoDB, JSON, Maven, Bootstrap, AJAX, and JavaScript.

#### Santa Clara University-Frugal innovation lab, USA Research Assistant July 2014 - June 2015

- Desktop application using Qt (C++) for managing music files and sharing using TCP/IP Protocol using Qt Network module. Socket programming for raspberry PI.
- Android and Qt applications (Number Game and unit convertor in Play store).
- Developed and published a website using Responsive CSS design (Bootstrap).

#### Iris Business Services Ltd, Mumbai, India Software Developer (Full Stack) Sept 2012 - June 2013

- Resource Management System (Payroll System): A system where you can maintain records of the employees, payroll, reporting persons and also records of project resources such as documentation, allocated resources etc. It is developed using PHP, AJAX, jQuery, JavaScript, Oracle Database.
- Workflow Management System: This is designed for XBRL Filing team which worked for Merrill in USA. System designed to manage work flow of project and project resources. Technologies used php, JavaScript, MySQL

### ACADEMIC PAPERS Santa Clara University

- PageRank Algorithm for Dynamic Graph, Suffix Tree Algorithm.

### ACADEMIC PROJECT

#### Santa Clara University

##### Remote File Repository System (Jan 2014)

- This is implemented using C#, WPF, WCF using client server model. Project was developed in stages by first developing an Operational Concept Document for each stage. Ownership, file dependency, Categories and metadata for search operation were few of the services provided to the client.

##### Internet OF Things (In Scala Using Play Framework) (Sept 2014)

- Built an open source standard API that identifies each device uniquely and registers them to the server. Acts as a medium through which registered device will communicate with the server or with each other.

##### Eco Recycle System (March 2014)

- Multi layered OO application in Java, Implemented UI using Java Swing Package, used observer pattern for notification, Used MySQL database.

##### K Means Clustering Algorithm On Hadoop Vs. Weka. (March 2014)

#### University of Mumbai

##### Supervisory Control And Data Acquisition (Jan 2012)

- Embedded system consisting of communication unit, processing central unit (8086) and remote sensors (temperature, moisture, smoke and light sensors).Data was monitored and displayed GUI (VB using C#).Warning or alert messages were sent using Nokia AT commands to the registered cell phones.

### ACTIVITIES

- Board member of Indian student Association (Swadesh), SCU, 2014-2015.
- Executive member of "Kalaraag", largest college fest for National level Drama festival by DY Patil. 2011, 2012
- Talent recognition award for excellent performance in the lead role for Regional Theater.
- Diploma in Pali Literature with 2<sup>nd</sup> highest standing in Mumbai University, 2012.
- Professional fine arts examinations Maharashtra state board 2004, 2005.
- Scholarship for academic excellence in 11th std, 12th std.