

OBJECTIVE :

- Seeking an Internship position as a Computer Science graduate

EDUCATION :

- **New Jersey Institute of Technology, New Jersey** (Anticipated Dec, 2015)
 - **M.S. in Computer Science**
 - **Relevant Coursework:** Computer Architecture | Data Structure and Algorithm | Internet and Higher Layer Protocol
- **University of Pune, India** (Aug, 2010)
 - **B.Eng. in Electronics and Telecommunication Engineering** (GPA: 3.50)

WORK EXPERIENCE (2+ Years): (Technology : Java/J2EE/IVR)

- **Senior Associate - Software at Synechron Technology, Pune, India** (Oct, 2011 - July, 2014)
 - Architected and Developed Web Soft Phone, obviating the need of using hardware based phones, using Avaya's API
 - **Technical specification : Avaya's SDK, Web Socket**
 - Implemented Contact Center Solution for a client in Australia. Developed algorithm that facilitated Intra IVR call transfer feature. Also, the web Soft Phone so developed, was enhanced to screen relevant data for a particular call
 - **Technical specification : jQuery, HTML, CSS, Windows Services, Web Services**
 - Developed IVR application for an insurance company in USA. The application was intelligent enough to understand the need of customer calling in and played back relevant verbiage. We used **Cisco's tool - CVP**
 - **Technical specification : Cisco's SDK, Web Services**
 - Proposed and Developed web based tool to automate certain manual work for our project
 - **Technical specification : jQuery, HTML, CSS, Multi-Threading, MVC Pattern**
- **Unpaid work experience - Self Initiative**
 - Architected and developed a windows service that performed certain task on user's voice input e.g. opening application like Notepad, MS outlook, MS word etc. on voice command
 - **Technical specification : Sphinx API from CMU, Apache Daemon**

SKILL SET :

- **Primary Skills :** Java, J2EE, MVC Pattern, IVR
- **Secondary Skills :** SQL, CSS, jQuery, HTML, VXML

KEY ACADEMIC PROJECTS : (Language: Java)

- **Research Assistantship (RA) :** (Anticipated Dec, 2015 - NJIT, USA)
 - RA to Dr. James Geller for his project - Integrating learning resources for Information Security Education
 - **Technical specification : Ontology, Symantec Web Concept, J2EE**
- **Sparse Matrix - Linked List :** (Anticipated Dec, 2014 - NJIT, USA)
 - Developing an algorithm using linked sparse matrix to solves system of linear equation using Gaussian Elimination
 - **Technical specification : Core Java, Linked List. (Git - <https://github.com/taunkankur/Innovative.git>)**
- **Open source project – Software for car :** (Anticipated Dec, 2015 - NJIT, USA)
 - Few features of car can be checked/controlled through a Smart Phone, such as - If doors are locked, if windows are up, fuel indicator, pressure monitoring etc.
 - **Technical specification : Microcontroller, Web Service, Windows Service, Socket Programming**
- **Student Attendance Monitoring System :** (March, 2009 - MIT, Pune)
 - Developed a software to capture student attendance using RFID and send automatic attendance notification to parents using GSM modem
 - **Technical Specification : RFID, GSM Modem, 8051 Microcontroller, J2EE, Tomcat**
- **Automation In Irrigation :** (July, 2008 - MIT, Pune)
 - Developed a system to irrigate crops in an automatic and controlled fashion depending on pre fed user criteria
 - **Technical Specification : 8051 Microcontroller, LCD, Keypad**

AWARDS AND ACHIEVEMENTS :

- Runner up in International Robocon competition (MIT, Pune)
- Three promotions in 2.9 years at my previous company (Synechron, Pune)

EXTRA-CURRICULAR :

- Presented paper on GSM Technology (IIT, Mumbai)
- Represented College in International Robotic Competition (MIT, Pune)
- Headed sports department (MIT, Pune)
- Coordinator of Association of Electronics Engineering Students (MIT, Pune)