

Seeking a Full-time opportunity (Available from June 27<sup>th</sup>).

**Education:**

**Masters of Sciences in Software Engineering**

San Jose State University, CA

GPA: 3.6/4.0

(Graduating May'16)

**Bachelors of Technology in Computer Science Engineering**

JNTU, India

GPA: 3.82/4.0

(07/13 – 07/14)

**Technical Skills (Worked out projects):**

Programming Languages:	C, C++, JavaScript, Java, PowerShell, Shell Script, Python, Ajax, Perl & PHP.
Framework:	SOAP, REST, MVC, Node.js, spring, Struts, Django, Flask & Angular JS.
Databases:	MySQL, MongoDB, IBM DB2, Oracle DB and MS SQL SERVER.
Web UI:	HTML5, CSS3, Bootstrap 3.0, JQuery, Backbone.js and D3.js.
Cloud Platforms:	IBM Blue mix, Heroku and Amazon AWS.
Testing Tools:	JUnit, JMeter, Auto IT, AppScan, Firebug, Wireshark, Accunetix and Selenium

**Professional Experience (2+ years):**

**SAN JOSE STATE UNIVERSITY (Software Engineer Assistant, ITS):**

- **Silent Alert & Emergency Broadcast System (New Gen Projects, SJSU 2015):** (01/15 – Present)
  - High intense support on behalf of SJSU and worked alongside DGI (Development Group Inc.).
  - Planned, Unit tested, validated with several test cases (Independent tasking) and documented the processes.
  - Part of team to remediate and troubleshoot that helped to deploy system into production (Team tasking).

**KNOT SOLUTIONS PRIVATE LIMITED (Client- Afghan Wireless Communications, Star Hub Singapore)**

- **Associate Software Engineer:** (07/13 – 08/14)
  - Integral part of **L1 and L2 Support teams** providing 10/5 support to customers in development. (**AWCC, Start Hub**).
  - Customized and automated processes using advanced **PERL & SHELL scripting** increasing the functionality.
  - Reduced workload over production environment with customized PERL engine increasing the efficiency of the system.

**Masters Project:**

- **Mobile Cloud IAAS (AWS, Fall'16):**
  - Designed a robust Mobile Cloud Infrastructure using edge computing and cloudlet technology principles.
  - Features involve virtualization, load balancing, inter-cloudlet routing and cache management (yellow pages).
  - Built the infrastructure on a multi-cloud environment (public & private cloud).
  - Par visualizations viewed in AngularJS, Nodejs and Cloudlet was built on python (Django).

**Course Projects:**

- **Clean Zen (IBM Blue-mix, Course: Enterprise Software Platforms, Fall'14):**
  - Developed Web platform for housekeeping services using Node.js on IBM Blue-mix using PAAS.
  - Services built using Send Grid, Address Validation, Google Geocoding and CloudbantDB.
- **Halloween Store (Amazon Web Services, Course: Enterprise Distribution Systems, Fall'14):**
  - Built an Ecommerce website using **MEAN (MongoDB, ExpressJS, AngularJS & Nodejs)** stack.
  - Projected a real time order management system on a different tier using **Java Servlets, JSP and My SQL Server**.
- **REST API using Python (Amazon Web Services, Course: Enterprise Distribution Systems, Fall'14):**
  - Implemented REST calls using Python's bottle framework and validated the calls using NRDBMS and RDBMS.
  - REST calls were automated and validated using a PERL script (Special appreciation).
- **RAFT Consensus Algorithm (Distributed Cloud System, Course: Enterprise Application Development, Spring'15):**
  - Implemented RAFT both Inter cluster and Intra cluster using Java and external libraries.
  - Server and Client coding were done using Netty.io.
  - Information was parsed, Encoded and Decoded using Google Protobuf libraries.
- **QA and Testing of Android Application (Course: Quality Assurance and Testing, Spring'15):**
  - Performed an **END TO END** testing on android and web supporting application Travelocity.
  - Report generation & tools used in the project included **Accunetix & Selenium**.
  - Performed automation testing using **Autonet, QAT and Robotium**.
- **Inventory Management System (Cisco Information Server, Course: Database Systems, Fall'16):**
  - Created an Inventory Database that could manage all the inventory of a large scale grocery Firm.
  - Server was programmed in PHP to communicate with the database stored on the CIS (Cisco Information Server).
  - Visualization software's such as Fusion Charts, Google Charts API were used to depict both Transactional and Analytical data.