

Summary:

- Extensive experience in development using **Java, and Python**
- Working knowledge of **C, and C++**
- Strong knowledge of **OOP and OOD**
- Experience with big data technologies such as **Hadoop, Hive and Spark.**
- Extensive hands on experience with BI tools such as **Splunk, Tableau and d3.js.**
- Experience in development using databases such as **MySQL and MongoDB.**
- Developed **web and mobile apps** using technologies such **HTML, Node.js, JavaScript, CSS, Bootstrap, AngularJS and Ionic.**
- Experience working in **Agile** environment with hands on experience using **Jira**

CERTIFICATIONS

- [Introduction to Data Science \(University of Washington\)](#)
- [Data structures: Measuring and Optimizing Performance \(University of California, San Diego\)](#)
- [Using Databases with Python \(University of Michigan\)](#)
- [Using Python to Access Web Data \(University of Michigan\)](#)
- [Front-End JavaScript Frameworks: AngularJS \(The Hong Kong University of Science and Technology\)](#)
- [Multiplatform Mobile App Development with Web \(The Hong Kong University of Science and Technology\)](#)

RELEVANT EXPERIENCES**Software Engineer Contract at 8x8****February 2017 -Current****Role & Responsibilities:**

- Responsible for adding key enhancements to the Billing Manager and ERP Integration applications.
- Work with the Finance/Billing team to get the requirement for enhancements/new features and implement them.
- Design and Develop Billing Manager API's which can be used by the external applications.
- Write designed, testable, efficient and reusable code (using REST API).
- Manage individual project priorities, deadlines and deliverables.
- Responsible for automating the billing process and workflow based on roles.
- Java web development using JSP, Servlet, Struts, HTML, CSS & Multi-threaded java programming.
- Write complex SQL Queries, Stored Procedures
- Convert the legacy application with latest technologies

Software Engineer Contract at Cisco**September 2016 – January 2017****Role & Responsibilities:**

Part of Cisco Intercloud Services, worked in a fast-paced work environment to improve operational cloud environment in full-scale production including but not limiting to the following responsibilities:

- Analyze workloads and data association models
- Develop and build reports to monitor application defined KPIs
- Contribute to engineering projects spanning several engineering groups.
- Collaborate with other Cisco team members to deploy user management application into production.
- Build and automate routines for data cleaning and update for production environment
- Ensure standards and procedures are being adhered to.

Contributions:

- Build and automate routines for data cleaning and update for production environment in python
- Worked on UI improvement of web portal (cloud.cisco.com) using Bootstrap and AngularJS.
- Working on Mobile Version (Android) of the portal.
- Developed Support Portal (software as a service) application to support cisco cloud application using JAVA, Spring, RESTful web services

Software Engineer Contract at Stealth Startup**July 2016 – August 2016****Role & Responsibilities:**

- Create new data models
- Create web application using MEAN stack
- Work with team located remotely

Contributions:

- Worked on converting Windows 8 App to Web Application
- Developed the application using MEAN stack

Role & Responsibilities:

Worked in a start-up environment to create mobile recommendation engine in full-scale production including but not limiting to the following responsibilities:

- Automating data ingestion and processing (ETL - Extract, Transform and Load);
- Automating code deployment using Chef/Puppet/Docket/AWS tools
- Ensuring monitoring, profiling, debugging of cloud infrastructure;
- Maintain and adding features in Data collection APIs;.

Contributions:

- Created copier for Amazon S3 integrated with Loggly and push notification for failures
- Implemented JSON to CSV convertor in Scala
- Created dashboard using Tableau and d3.js
- Worked with Spark to ingest incoming data from client side into hive
- Created RESTful web services in Java
- Created internal web application using Node.js, Angular.js, JQuery and Bootstrap.

Graduate Teaching Assistant at San Jose State University**August 2015 – December 2015**

- Conducted data structure and algorithms labs in Java for undergraduate students
- Assisted professor in structuring labs

Relevant Projects

Web Application for Restaurant:

- Created web application using Node.js, Angular and MongoDB for restaurant that helps them to take orders from customers

Asthma Alert, Community Project :

- Working with group of professional to predict asthma
- Creating a mobile app to alert asthma patients ahead of attack
- Working on collecting data and creating data model for predictive analysis

Calorie Converter (Mobile App):

- Using the API provided by U.S National Nutrition department, created a mobile app using ionic framework that can convert calories into popular food

Analysis of Crime Occurrence in Chicago Using Hadoop (Hive)

Deployed five servers configured with **CentOs** operating system on **GoGrid cloud service**, configured all servers to meet requirements of **Hadoop** and installed Hadoop using **Cloudera Manager** making one server as master server and four as slaves; following are the results of project using **Hive**:

- Found 10 community areas in **Chicago** that had higher crime rates;
- Identified **top five crimes** that were most prevalent during day time and top five crimes that were most prevalent during night in Chicago;

Twitter Sentiment Analysis in Python

- Used **python** and **Twitter object**, recorded live tweets and performed sentiment analysis of tweets
- Calculated **top 10 hashtags** by implementing algorithm
- Predicted **happiest state in USA** based on sentiment score of tweets
- Individually implemented algorithm to find user information such as **location** and **hashtag** of tweet
- Results of project, learned how big data can be used to extract use full information from large amount of dispersed data

EDUCATION**Masters of Science in Computer Science from San Jose State University(SJSU), San Jose, CA****Jan 2014 - Dec 2015**

Major Coursework : Cryptography and Web Security, Computer Communication Systems (SDN), Introduction to Big Data, Advance Programming Principles, Database Systems, User Interface Design, Master's Project on Cryptocurrency

G.P.A. : 3.86/4.00**Bachelor in Engineering – Computer Science from Osmania University, India.****Aug 2009 - May 2013**

ACHIEVEMENTS

- Scholarship Award for **Outstanding Academic Achievement** from the **Department of Computer Science, SJSU**.