

SUMEET TULSANI

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EDUCATION

M. S. Computer Science, California State University, Chico **GPA 3.9** **Dec'16**
B. E. Information Technology, University of Pune, India **GPA 3.4** **Jul'13**

TECHNICAL SKILLS

Programming Languages: C, C++, Python, Java, Javascript.

Framework and Technology: HTML5, CSS3, Bootstrap, Angular 2, Django, REST, JSON, Heroku, Beautiful Soup, Servlets, JSP.

Databases: Oracle 11g, SQL Server, MongoDB.

Version Control Systems: Git.

OS Environments: Linux, Unix, Mac, Windows.

Testing: Unit Testing, Google test, TDD, Agile Methodologies, gdb, Valgrind.

PROFESSIONAL EXPERIENCE

BackEnd Developer at jobsapi.io

Jan'17–Date

- Developed web services to crawl jobs and resumes in near real time and access the data with the help of a powerful set of filters and parameters.
- Worked on web crawler part of the project, used scrapy to crawl the web.
- Used BeautifulSoup to extract data from various sources to present the JSON data.
- Python, Heroku, Github, MongoDB, BeautifulSoup, Rest, Scrapy, JavaScript

Web Developer at Accessibility Resource Center Chico

Jan'16–Dec'16

- Participated in brainstorming sessions to come up with ideas to develop a website from scratch. The website includes various functionalities to maintain inventory for students using 'Smart-pens'.
- Java, HTML5, CSS3, JavaScript, Oracle 11g, Servlets, JSP, JDBC, AWS.

Daily Planner Website

- Developed a dynamic project to manage daily tasks at Accessibility Resource Center.
- The application provided CRUD operations to maintain the tasks.
- Option named priority was added into application to sort tasks according to priorities.

BackEnd Developer at MS Tech Systems

Jun'13–Aug'14

- Located nearby restaurants within 10 miles of radius using geopy library.
- Used OAuth2 to provide login functionality to users through Facebook and Google+.
- Provided a payment method via secure transaction along with PayPal integrated.
- Python, Django, REST, OAuth2, Heroku, JSON, MongoDB, Git, JQuery, Bootstrap.

Thick Provisioning Sponsored by Calsoft.Pvt.Ltd.

Aug'12–Jul'13

- A research project to reduce the cost of read/write cycles in hypervisors.
- Preallocate the block without zeroing the allocated blocks. Hence, no wastage of I/Os for zeroing the allocated blocks.

OPEN SOURCE PROJECT

Jan'16–Date

KDevelop (Open Source IDE for C,C++ & other programming languages)

- Resolving bugs and added new functionality in the already existing system.
- Perform Unit Testing to test the functionality of the KDevelop Editor based on QT5.
- Resolved more than 10 language support bugs on KDE Bug Tracking System.

SELF PROMOTED PROJECT

Gold Chase Game (C++,Sockets,Multi-Threading,Inter-Process Communication)

- Developed multi-player game in Linux environment, where players find a real gold among fake golds to win the game on a map.
- Development of game involved concepts about shared memory, semaphore, signal, message queue, pipe, valgrind, Distributed Systems.

Friends Directory (Python, Django, HTML5, Bootstrap, Heroku, Google OAuth2)

- Developed Friends Directory website and deployed it on Heroku.
- User authentication was implemented using Google OAuth2 authentication API.
- The application allows only the people from the directory to view each other's details.

CERTIFICATIONS:

- C,C++ (C-DAC Certified: OCT,2010).