**Varun Jindal**

350 E Taylor Street,1208 San Jose, CA 95112

Ph: (408)858-4105 Mail: [varun.jindal1292@gmail.com](mailto:varun.jindal1292@gmail.com)

**Education**

**San Jose State University** Expected: Jun 2019

Masters in Computer Software Engineering San Jose, CA

Courses: Enterprise Software Platform, Enterprise Distributed Systems, Data mining, large scale analytics.

**Indraprastha University** June 2015

Bachelors of Engineering in Information Technology Delhi, India

Courses: Software Engineering, OOPs, Operating Systems, Data Structures, Algorithms, Database.

**Work Experience**

**Sopra Steria Group | Software Developer** India, Noida Dec 2015 - Jul 2017

* Worked on EDA Migration and enhancement. Migrated the application from Linux x32 and oracle 10g to Linux x64 and oracle 12c, increasing the performance of system by 40%.
* Worked on Control Limit Management. Automated the system to set the control limits of the equipment depending on the historic data to alert the user of any anomaly using JAVA, .NET and PLSQL. Decreased work force required from 4 to 1

**National Informatics Centre | Software Developer Intern** India, Delhi Jun 2014 – Jul 2014

* Developed a database to map India’s citizens details to the census code, state, city, district and sub district for Aadhar card (like SSN in USA) using MYSQL database
* Designed a Report module for citizens to download their details using Aadhar card no. using java struts

**National Thermal Power Cooperation | Software Developer Intern** India, Noida Jun 2013 – Jul 2013

* Implemented an end to end platform for customers to log their complaint, see its status, and get an update on action taken by the concerned authority using JSP and JavaScript.

**Projects**

**Recommendation System**

Programmed a movie recommendation system to predict list of movies based on user’s interest. Tailored Recommendations on hybrid of collaboration filtering and content based filtering.

**Drop Box Project**Constructed drop box web application using MERN stack (MongoDB, Express, React and Node.js) and used ‘Apache Kafka’ as streaming platform

**Kayak Project**

Created a Kayak website for users to book flights, hotels and cars for their trips. Used MongoDB for database, react.js for front end, express and node.js as server and Apache Kafka as streaming platform.

**Crime Control Project**

Diagnosed the factors effecting crime using Spark in an area. Strategized crime prevention by solving for underlying factors in some areas, and deploying appropriate police force in high crime areas.

**Achievements**

* Awarded ‘Applause’ for making an automated script to install application’s database which reduced workload from 8 hours to 15 minutes.
* STMicroelectronics Award – Delivered with zero rework for 600-man days application to the client.
* First runner up in Sleepless C++ a coding competition held in India, Delhi 2014.
* Microsoft Certified HTML5, CSS and JavaScript programming specialist.

**Skills**

C, C++, Linux shell scripts, JavaScript, React JS, Node JS, HTML, SQL, PL/SQL, Java, JSON, CSS, MongoDB, oracle database, MySQL database