

Varun Jindal

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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
<ul style="list-style-type: none">• 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
<ul style="list-style-type: none">• 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
<ul style="list-style-type: none">• 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