

# GUNJAN JAIN

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## OBJECTIVE

Six years of experience as a full stack Java Developer/Data Analyst in web applications | Seeking full-time opportunities

## EDUCATION

### UNIVERSITY OF FLORIDA

Master of Science in Information Systems – GPA (3.5/4.00)

December 2017

### UNIVERSITY OF PUNE

Bachelor of Engineering in Information Technology

May 2009

**Courses:** Advanced Business Programming in JAVA and C# .NET, Business Intelligence, Data Mining, Introduction to Algorithms, Object Oriented Model and Design, Data Structures and Algorithms, Database Management Systems, Artificial Intelligence

## TECHNICAL SKILL

**Programming Languages:** JAVA, HTML5, CSS, JavaScript, REST API (SOA), C, C# .NET

**Methodologies and Tools:** Agile, Scrum, MS Excel, JIRA, Subversion, MATLAB, Eclipse, Tomcat, JBOSS, Tableau, Cognos, Power BI

**Database Technologies:** Sybase, Oracle 10g, PL/SQL, NoSQL

**Others:** R, STATA, SPSS, Angular JS, Spring Batch, Quartz, Jenkins, MapReduce, R, Python

## WORK EXPERIENCE

### Graduate Student Assistant - Data Analyst, UF

June 2017 – August 2017

- Performed statistical analysis on a data set of 52,000 students based on their location, age, gender and in-state tuition fee
- Increased the accuracy of the predictive model by 80% by classifying and cross-validating the data set
- Designed and developed dashboards and reports for data visualization BI team for predictive analysis
- 15+ universities benefit to analyse the 35% decrease in the international applicants for the next semester
- Technologies and Tools: R, STATA, SPSS, MS Excel, Tableau, Cognos, Power BI

### PARK ON THE FLY – Web Developer Intern(Volunteer), FL

April 2016 – June 2016

- Designed the GUI module and added search functionality for finding a free available parking lots for a vehicle within 20 miles
- Reduced the look up time of user by 10 minutes and improved the code efficiency by 18 to 20%
- Technologies: Angular JS, HTML5, CSS, JavaScript

### COGNIZANT TECHNOLOGY SOLUTIONS – Senior Software Engineer

April 2013 – December 2015

- Developed 3 RESTful API services to facilitate end users to perform CRUD operations either as a customer or a producer
- Optimized SQL queries which increased the performance and reduced the run time from 3 minutes to 13 milliseconds
- Handled security vulnerabilities by migrating the application from Struts to Spring MVC, a more productive framework

### CAPGEMINI INDIA PRIVATE LIMITED – Associate Consultant

April 2010 – April 2013

- Processed and cleaned the stock related data extracted from a third party called datalink and stored it into database
- Developed and scheduled a batch processing job to send notifications to locked account users and their administrators
- Refactored the code to improve quality by 50%, wrote JUnit test cases and tested the application on Sonar
- Technologies: Core Java, Spring, Hibernate, JPA, JDBC, Multithreading, Shell/Perl scripts, LINUX, Sybase

## PROJECT

### WORD COUNT USING MULTI THREADING

December 2017

Processed a file to count the frequency of words in it separated by multiple delimiters using concurrent Hash Map to allow parallel access, instead of synchronised Hash Map, ensuring the files are evenly separated among the disks

- Reduced time complexity by 15% and having multiple threads concurrently requesting the data from the multiple disks

### DESIGN REST API GET METHOD

September 2017

Prototyped a REST web service http get method to retrieve information from a movie database

- Parsed the query response from the website given in JSON format based on two parameters namely Title and page number

### IMPLEMENT QUEUE IN COSTANT SPACE

July 2016

- Performed integer manipulation on the data enqueued and dequeued to reduce its space and time complexity to constant

### BLUETOOTH HOTSPOT- Calsoft Sponsored Project

January 2009 – May 2009

Developed a Bluetooth hotspot environment where Bluetooth enabled computers could access Internet. This required use of two machines (a server and a client) and a Bluetooth device (dongle)

- Provide a way to exchange information between devices via a secure within 100 meters of distance
- Technologies: C, Socket programming

## LEADERSHIP EXPERIENCE

- Recruited 7 new talents and conducted 45+ code reviews for 10 team members while working for Cognizant
- Trained 6 freshmen, 9 experienced professionals and 2 graduate students on JAVA, C#, Spring and Hibernate technologies

## ACCOLADES

- STAR AWARD – Onsite Appreciation - Automated project builds and batch processing jobs using Jenkins
- 15<sup>th</sup> rank at “Hack It to Win It with PayPal” contest (a coding competition held in November 2017)

## CERTIFICATES

Sun Certified Java Programmer 6.0 (SCJP 6.0), Oracle Certified Web Component Developer 5.0 (OCWCD 5.0), DELF A1 French Language Certification (DELF A1)