

Tejveer Singh

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Education

- California State University, Long Beach, CA** Aug 2017 - May 2019 (Expected)
M.S. Computer Science **GPA: 3.42**
Relevant Coursework: Analysis of Algorithms, Database Architecture and Advanced Software Engineering.
- RTM Nagpur University, Nagpur, India** (B.Tech Computer Science) Aug 2009 – May 2013

Technical Expertise

Languages : SQL, PL/SQL, Python, C#
Python Libraries : SKLearn, NumPy, Matplotlib, Seaborn
Platform & Tools : SQL Server, MS Visual Studio, ADO.Net
Version Control : Team Foundation Server (TFS), Git
Web Server : MS Internet Information Services (IIS)
Basic Knowledge : C, C++, Java, JavaScript, CSS, LinQ, Flask Framework & Django

Professional Experience

California State University, Long Beach (Role: Data Engineer) Jul 2018 – Present

- Developed Web App to Web Scrape a website, resulted in 90% productivity increase, using Flask Framework and Python libraries: Selenium, BeautifulSoup, Pandas.
- Automated ETL process for Data files, saved 95% of human intervention, using Python, and Oracle SQL Developer
- Queried and administrated the Oracle database of California State University Long Beach.
- Optimized SQL Stored Procedures, decreasing response time from by 10 seconds, using common-table expression.
- Utilized Tableau 10.4 for creating interactive dashboards using calculated fields, action, filters and table calculations. Also masked data as per User's role
- Handled Ad-Hoc requests, documented business processes and performed workflow automation.

Infosys Limited, Pune India (Role: Senior Systems Engineer)

Projects: Work Flow Tool, Enquiry Management System, Final Billing Tool

Technologies: ASP.NET C#, ADO.Net, SQL, PL/SQL, Linq, CSS, TFS, SQL Server, MS Visual Studio.

Responsibility & Accomplishments:

- Built desktop app that automated Work Flow Tool, resulted in 60% productivity increase.
- Built & delivered a robust Enquiry Management System reducing 50% of man power.
- Build SQL procedure to generate 6 crucial reports in a single query.
- Independently carried out 2 major upgrades of EMS within timescales with no glitch.

Academic Project

Mental Health Predictor: (Python) A simple supervised learning model trained on Open Source Mental Illness dataset from a 2014 survey that measures attitudes towards mental health and frequency of mental health disorders in the tech workplace.

Metrics Suite: (C#) Windows desktop application to estimate function points & code size depending upon various inputs.

Remote Armor: (Java) Developed a resourceful Java application to detect missing computer components from College Labs and report any mishap to concerned person via email.

Net Quo: (Java) Created a visually appealing Java application used for organizing quiz in college.

Additional Experience & Awards

2017 : Member of International Student Fellowship.
2015-2017 : Member of Employees Engagement Team in Infosys Limited.
2015 & 2017 : Twice awarded "Insta Award" by Infosys Limited.
2013 : Organized University Level Technical Symposium – 10 Events.
2012 : Chosen as President of Computer Science department in final year of Under Grad College.
2010 & 2011 : Appointed as Secretary of Computer Science department in 2nd & 3rd year of Under Grad College.
2008 : Attained State Rank – 1 in International Informatics Olympiad.