

Tejveer Singh

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Education

Masters in Computer Science (California State University Long Beach, CA, USA)	Aug 2017 - May 2019 (Expected)
Bachelor of Engineering in Computer Science (RTM Nagpur University, MH, India)	Aug 2009 - May 2013

Technical Expertise

Languages	: SQL, PL/SQL, Python, C#
Python Libraries	: NumPy, Matplotlib, Seaborn, Pandas, SciPy, SKLearn
Platform & Tools	: SQL Server, Oracle, MySQL, MS Visual Studio, ADO.Net, Tableau, MS Excel, Word, PowerPoint
Version Control	: Git, Team Foundation Server (TFS)
Basic Knowledge	: Machine Learning, AWS, Spatial Database, Flask, C, C++, Java, JavaScript, CSS, AngularJS, MVC, Entity Framework, LinQ, MS Internet Information Services (IIS), NodeJS, NoSQL, MongoDB, Cassandra, XML, JSON, YAML

Professional Experience

California State University, Long Beach (Role: Data Engineer – Student Assistant)	Jun 2018 – Present
<ul style="list-style-type: none">Developing a Student's Expected Graduation Year Predictive model.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 DeveloperOptimized SQL Stored Procedures, decreasing response time 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	

Infosys Limited, Pune India (Role: Senior Systems Engineer)	Feb 2014 – Aug 2017
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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 & Personal Project

Perfume Mate: (Python & MongoDB) A perfume recommendation system. (On-going)

CSULB-PD Safe Zone: (Java & MySQL) Implemented a simple spatial database and accessing it programmatically using JDBC.

Mental Health Predictor: (Python libraries: sklearn, scipy, seaborn, matplotlib, pandas, numpy) A trained supervised learning model 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

2017-2019	: 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.