

MANISHA GUPTA

213-608-2514 manisha@usc.edu

2711 Ellendale Pl, Los Angeles, CA, USA 90007

[LinkedIn](#) [Website](#) [GitHub](#)

SUMMARY OF QUALIFICATIONS

Graduate Student at USC (F1 Visa) with 5 years of software development experience, seeking for internship/Co-op roles to implement my current skillset and learn new ones.

EDUCATION

University of Southern California, U.S.A.

Master of Science in Electrical and Computer Engineering (Machine Learning and Data Science)

Dec 2021

GPA: 4.0

WORK EXPERIENCE

Associate-Projects in Cognizant Technology Solutions, India

Aug 2016-Nov 2019

Lead Backend Developer: Developed and delivered client website requirements along with managing a team

- Supervised the Offshore team while coordinating with onsite team for requirements delivery
- Constructed Multilingual websites for customer in Retail and Consumer vertical using ASP.NET and Umbraco as CMS
- Developed secured infographics backend for client to resulting clear visualization of sales data of different global regions
- Created reusable components with high portability for smooth business functioning spanning versatile data projects
- Implemented unite test to verify each developed feature and module using test driven development approach
- Accomplished delivery of projects running simultaneously between 3 global regions with budget limit and before deadline
- Created and executed training program for new joiners and received award from Global delivery leader for mentorship

Systems Engineer in Tata Consultancy Services, India

Mar 2014-Aug 2016

BI Developer : Responsible for development and support of BI solution

- Achieved 30% reduction in developer’s efforts by Creation of BIML scripts for automatization of SSIS package creation
- Generated SSIS packages and scheduled jobs to perform ETL and migrate data from multiple sources to data warehouse

Backend Developer: Involved in design and development of .Net requirements, bug fixing and deployment

- Built and provided maintenance for .NET websites using ASP.NET MVC, SQL, Umbraco, and jQuery for MIS client
- Reduced Developer’s efforts and dependency by 40% by creating cost effective CMS Landing Page automation
- Formulated and developed automatic deployment utility, improved deployment by reporting & reduced developer’s efforts

LEADERSHIP & INVOLVEMENT

Data Science Intern at Seedstages

Nov 2020-Present

Working on classification model for performance and start-up success probability

Web Design Specialist, USC IT Provost Team

Aug 2020–Present

Design, development, and maintenance of public websites for the University clients using WordPress

SKILLS

Functional	Product Enhancement, Programming, Machine Learning, ETL, Problem-solving, Agile Methodology
Technical	Python, C#, Asp .Net, MVC, SQL, HTML, jQuery, CSS, Web Services, Data Structures
Data Tools	MS SQL Server, PowerBI, SSIS, SSRS
Packages	Pandas, Matplotlib, TensorFlow, NLTK
Other	Umbraco, WordPress, SlickPlan, JIRA, Mockflow, Unit testing, TFS, GIT, Azure Server

HONORS AND AWARDS

- Guiding Light** Cognizant Internal award for collaborative team work and mentorship
- On the Spot** TCS award for consistent work in meeting critical business requirements and timely delivery with zero defect
- Special Initiative** TCS Internal award for designing business utility to automatize work

PROJECTS

Netflix Recommendation Engine: Collaborative Filtering

Built a movie recommendation mechanism with Pearson Correlation and SVD using Netflix data

Image Classification using TensorFlow

Image Classification of more than 25K images and 6 categories using Keras along with handling overfitting

Breast Cancer Classification: Using SVM

Predictive analysis of whether a tumour is benign or malignant using the 'Breast Cancer Wisconsin (Diagnostic) Data Set'.

Sentiment Analysis using NLTK

Predictive analysis of user sentiment (positive/negative) based on Amazon customer reviews dataset