

EDUCATION

University of Southern California, U.S.A.

Dec 2021

M.S in EE (Machine Learning and Data Science)

GPA: 4.0

Rajasthan Technical University, India

Aug 2013

B. Tech in Electronics and Communications

GPA: 3.6

WORK EXPERIENCE

Mar 2014-Nov 2019

Associate-Projects in Cognizant Technology Solutions, India

Lead Backend Developer

Aug 2016 - Nov 2019

- Supervised the Offshore team and with onsite coordination for requirements delivery
- Built Standalone websites from scratch for clients in Retail and Consumer vertical
- Created low-level modules using .Net with high portability for smooth business functioning spanning versatile data projects
- Accomplished delivery of three projects running simultaneously between 3 global regions within budget limit and before deadline
- Pioneered 10-member team training program resulting quick transition 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

- Achieved 30% reduction in developer's efforts by Creation of BIML scripts for automatization of SSIS package creation
- Generated SSIS packages to perform extraction, transformation and loading operation on data from multiple source systems and upload data into client system

Backend Developer

- Built and provided maintenance for .NET websites using ASP.NET MVC, SQL, Umbraco, and jQuery for client in Media & Information vertical
- Reduced Developer's efforts and dependency by 40% by creating CMS Landing Page automation
- Formulated and developed automatic deployment utility, improved deployment process by better reporting and reduced developer's efforts

SKILLS

- **Functional:** Product Enhancement, Technical Consulting, Project Management, Agile Methodology
- **Technical:** Python, C#, Asp .Net, MVC, SQL, HTML, jQuery, CSS, Web Services
- **Database:** SQL Server 2008 R2/2012
- **Packages:** NumPy, Pandas, Sklearn, Tensorflow, Pytorch
- **Other:** SSIS, BIML, SSRS, Umbraco, WordPress, SlickPlan, JIRA, Mockflow

ACADAMIC PROJECTS

<https://github.com/Manisha2612>

Netflix Recommendation Engine

This project aims to build a movie recommendation mechanism with Pearson Correlation using Netflix data

Image Classification using TensorFlow

This project aims to classify images of flowers using Keras and got experience of identifying overfitting and techniques to mitigate it

LEADERSHIP & EXTRACURRICULAR ACTIVITIES

Web Design Specialist, USC IT Provost Team

Aug 2020 – Present

HONORS AND AWARDS

- **Guiding Light** Cognizant Internal award for team work and mentorship
- **On the Spot** TCS award for excellent work in meeting critical business requirements and timely delivery with zero defect
- **Special Initiative** TCS Internal award for designing business utility to automatize work
- **Certificate of Appreciation** from higher management for organizing CSR cultural event and science fair in TCS