
EDUCATION

- **Shri Govindram Seksaria Institute of Technology and Science** Indore, India
Bachelor of Engineering in Computer Engineering; GPA: 7.35/10 Aug. 2014 – July. 2018

TECHNICAL PROJECTS

- **Data Manipulation and Recovery System** CSE, SGSITS
Asst. Prof Surendra Gupta Jan. 2016 - March 2016
 - : Designed an algorithm to scale BMP images.
 - : Implemented Huffmans algorithm for data compression and integrated above mentioned features in a web portal for easy accessibility.
 - : Designed an algorithm to salvage inaccessible or lost images from secondary storage and removable media.
- **Real Time News Geolocation Services** MCA, SGSITS
Asst. Prof Vandan Tewari Sep 2016 - Nov 2016
 - : It is a location-aware news feed that provides a new platform for its users to get spatially related news updates from most reliable news sources.
 - : Google News and Orion are used to parse news feeds.
- **Note Sharing and Management Application** CSE,SGSITS
Asst. Prof Preeti Khareop Sep 2016 - Nov 2016
 - **Portfolio Management:** Designed a web portal (using singleton design pattern) with group and real time multi-chat functionality along with media sharing and viewing facility.
 - **QuantDesk:** Provides users option to convert notes to pdf and share them with others in groups/contacts. The shared media can be viewed in note library and sharing history.
- **Animation and Simulation Modelling** May 2017 - June 2017
This project is available online at <http://anujmehta.in>
 - **Travelling Salesman Problem:**
 - **Perlin Noise:**
 - **Warp Drive:**
 - **Genetic Algorithm:**
 - : Designed a particle system to simulate behavior of particles under influence of strong nuclear and gravitational forces.
- **Earthquake Visualizing System** May 2017 - June 2017
This project is available online at <http://anujmehta.in>
 - : Designed a website to plot recent occurrences of earthquakes on a world map.
 - : Earthquake data was parsed from United States Geological Departments Website.
- **Stock Trading Portal** Nov 2016 - Dec 2016
This project is available online at <http://anujmehta.in>
 - : Designed a web portal to trade virtual stocks and shares.
 - : The actual prices of shares was parsed from live data at Yahoo Finance.
 - : Features of the portal include selling, buying, quoting stocks and viewing history of transactions. This portal was designed using MVC architecture.

PROGRAMMING SKILLS

- **Languages:**C, C++, J2SE, Python (basic), JavaScript, Processing, SQL, PHP
- **Software Worked on:**WireShark, Argo UML, Octave, Netbeans, Codeblocks, MIT Scratch