
MANZIL MOHARANA



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SKILLS

PHP, CSS3, HTML5, JS, AJAX/JSON
C/C++, Python, MATLAB, R, Java
LaTeX, Basic pen testing, PowerBI,
Arduino

PROJECTS

HELPINGCART

Backend Developer

I handled the backend operations of the website. A lot of features were added to make the website on par with other competitors like 2 factor authentication and dynamic suggestion for services.

ONLINE OUTING SYSTEM

Frontend Dev

Our team was working on a website that could potentially replace the outing system in our hostels. I in particular handled the frontend of the website. Required styles and designs were used to make it look beautiful and functional at the same time. The site was made responsive so as it would be compatible on any kind of device.

GO TRIPPIN!

Backend Developer

Our team was working on a project where we aiming to build such a website which would show the fares and prices of flights, busses, cruises and all the forms of travel. I particularly handed the database management.

IMAGE COMPRESSION USING DCT

MATLAB Developer

As our project for the course "Data Structures and Algorithms" we worked on a idea of compressing data specifically images. We used few different techniques and found a perfect balance between the quality of the image and the size of the image.

IOT BASED ENVIROMENT MONITORING SYSTEM

NIC(National Informatics Center)

I was a summer intern at the NIC BBSR Office where we were given the project to create a product to keep an eye in the environment of seed godown.

DATA ANALYTICS

NALCO(National Aluminium Company)

I was an intern at the NALCO BBSR office where we were given the task of analyzing the data of one financial year using Power BI



RELEVANT COURSES COMPLETED

Problem Solving and Programming – **S** Grade(10 grade point)
Problem Solving with Object Oriented Programming - **S** Grade
Data Structures and Algorithms - **S** Grade
Operating Systems – **S** Grade
Software Engineering – **A** Grade
Statistics for Engineers – **S** Grade
Applied Linear Algebra – **A** Grade

EDUCATION

BTECH

VIT University
Current CGPA 9.00
Stream: Computer Science and Engineering
Currently in the: Second Year
Expected Graduation Year: 2020

GRADE XII

KiiT International School, BBSR
Year of Passing: 2016
Passing Percentage: 91.3%
Subjects: Physics, Chemistry, Math, Computer Sc

GRADE X

KiiT International School, BBSR
Year of Passing: 2014
Passing CGPA: 10



VOLUNTEER EXPERIENCE OR LEADERSHIP

During Grade 10 and 11 I was the team leader where we worked on the project "Oilgae Technology". We extracted a biodiesel from algae and enhanced it in such a way that it could somewhat compete with the traditional fuels. It was a successful project and we were selected for nationals. National Children's Science Congress and CBSE Science Exhibition.

