

# Dhanush Vasa

Australian Citizen  
Third Year (B.Tech)  
Information Technology (IT)  
at Indian Institute of Information Technology  
Allahabad  
CGPA:7.95 till 5th Semester

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## Links

Github:// **dhanushv2000**  
LinkedIn:// **dhanushvasa**

## Skills

OS  
GNU/Linux, Windows  
  
LANGUAGES  
C/C++, Java, Python, R  
  
FRAMEWORK  
Pandas,Numpy,Scikit-learn,Django  
  
DATABASES  
MySQL  
  
OTHERS  
Git, Anaconda  
IntelliJ, Eclipse,  
Adobe Illustrator, Photoshop

## Coursework

Operating Systems  
Computer Organization and Architecture  
Data Structures and Algorithms  
Database Management  
Object Oriented Methodology  
Software Engineering

## Education

2019-2023  
B.TECH. IN IT  
Indian Institute of Information  
Technology Allahabad (India)  
CGPA : 8/10 till 5th Semester

2017-2019  
INTERMEDIATE  
ANDHRA PRADESH BOARD OF  
INTERMEDIATE EDUCATION  
FIITJEE Vijayawada (India)  
CGPA: 9.17/10

2013-2016  
HIGH SCHOOL  
Rossmoyne Senior High School  
(Australia)

## Overview

Dhanush Vasa is a Motivated and enthusiastic software developer with competent in back-end technologies and front-end technologies. He is a quick learner with the ability to work and learn new technologies, new languages and an active team player.

## Projects

### *FEBRUARY - MAY 2021* **Availsys:**

"AVAILSYS" is a web-based application, which enables University faculty members with the ability to Book labs and necessary resources (lab equipment) for their respective lab work. Booking information with confirmation is sent to the faculty and students through email.

#### **Responsibility:**

- Designed and implemented the back-end environment using Django, Python and MySQL database
- Developed the algorithm for not conflicting with existing lab bookings
- Implemented the system for automatic generation of emails for notifications
- Designed and developed the structurally reliable database for the system

Tools and Technologies used: Django,MySQL,Python,HTML,CSS

### *FEBRUARY - MAY 2021* **Online Survey Tool (OST):**

"OST" is a web-based application designed to provide a platform to conduct online survey. "OST" allows the users to create new surveys and included approval mechanism for university environment. This software helps to store the data collected through online survey and publish survey results in report form.

#### **Responsibility:**

- Designed and implemented the back-end environment using Django, Python and MySQL database
- Designed and implemented the front-end environment using HTML and CSS
- Developed and implemented the strategy for the approval mechanism
- Implemented the system for automatic generation of emails for notifications
- Designed and developed the structurally reliable database for the system

Tools and Technologies used: Django,MySQL,Python,HTML,CSS

## Certifications

### *JUNE 2020* **IBM Data Science Professional Certificate**

- In this Professional Certificate I developed my skill in Data Science and Machine Learning
- Understood the Methodologies and familiarised my self with a variety of data science tools (Python, SQL, Numpy, Scikit-learn)
- Performed a variety of Data Visualizations and Analysis along with Machine learning models to demonstrate my knowledge and skills.

Tools and Technologies used: Python,SQL,Numpy,Scikit-learn,Pandas