

AVINASH DUBEY

B.Tech. – Computer Science & Engineering

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Jaipur, Rajasthan, India - 302020



BRIEF SUMMARY

To succeed in an environment of growth and excellence and earn a job which provides me job satisfaction and self-development and help me achieve personal as well as organizational goals.

SKILLS

Data Structure Python C++/C MySQL/SQL DBMS Pandas Numpy Problem solving

EDUCATION

Poornima College of Engineering, Jaipur 2020 - 2024

B.Tech. - Computer Science | Percentage: 92.25 / 100.00

R R Convent School, Gorakhpur 2020

12th | CBSE | Percentage: 76.66 / 100.00

SDDT inter College, Gorakhpur 2018

10th | CBSE | Percentage: 64.20 / 100.00

INTERNSHIPS

Persistent System | IT / Computers - Software 04 Jun, 2023 - 15 Aug, 2023

Persistent Martian Program

Key Skills: MySQL Data Structures Databases Python

It was a 7 week internship program called Persistent Martian Program'2023. It's a learning-based program that provides training on different topics such as DSA, Python and DBMS.

Celebal Technologies Pvt. Ltd | IT / Computers - Software 10 Jun, 2023 - 08 Aug, 2023

Data Science

Key Skills: Python Data Analysis Data Visualization Machine Learning Data Processing

It was a two months internship program and during my Data Science internship, I cleaned datasets, conducted exploratory analysis, and built predictive models using Python. It was a practical experience that enhanced my understanding of Data Science .

Rams Creative Technologies Pvt. Ltd | IT Aug,2021 - Sept,2021

Python Developer

Key Skills : Python OOP

As a Python Developer Intern at Rams Creative Technologie , I developed several modules using Python as a backend programming language and handled scripting tasks for debugging and automation.

PROJECTS

Bike Demand Predictions

Mentor: Self 09 Aug, 2023 - 15 Nov, 2023

Key Skills: Data Science

Project Link: <https://github.com/Avinash4006/Rented-Bike-Demand-Pridiction>

Developing a machine learning model to accurately predict online bike demands based on historical data, enabling retailers to optimize inventory management and meet customer needs efficient.

Transcoder: Convert C++ into Python

Mentor: Dr. Mithilesh Arya | Team Size: 4

Key Skills: Logic Programming

15 May, 2022 - 10 Aug, 2023

Project Link: <https://github.com/Avinash4006/Code-Converter>

Building a versatile code converter tool that seamlessly translates code snippets between different programming languages, enhancing collaboration and code reuse among developers.

Sentiment analysis of X(Tweeter)

Key Skills: Python, Machine Learning

Project link: <https://github.com/Avinash4006/Sentiment-analysis-using-Machine-Learning>

In the era of social media, understanding public sentiment is crucial for businesses, political campaigns, and brand management. Sentiment analysis of Twitter data involves automatically classifying tweets as positive, negative, or neutral based on their content.

PUBLICATIONS / RESEARCH / WHITE PAPERS

Transcoder: Translate C++ to Python

Recent Trends in Programming Languages | SRM Journals | **Mentor:** Dr. Mithilesh Arya | **No. of Authors:** 4

Key Skills: Programming Python C++ Data Analysis Unsupervised Learning

02 May, 2023

In computer science, there are different programming languages but the logic to implement a particular code remains same in every language. Many people have code bases in outdated programming languages like COBOL and switching those bases to more modern ones like Java, C++, or Python requires a significant investment of time and resources. Transcoder can conserve a lot of resources in the situation. This is a pilot project that we designed to translate a program from C++ to Python and vice versa. Two common and reliable programming languages used nowadays are C++ and Python. These two languages each have their own benefits and drawbacks. Python is an interpreted programming language; hence it requires an interpreter to be compiled. C++, on the other hand, is a pre-compiled programming language and does not require interpreter at the time of compilation. Due to Python's phenomenal growth and popularity year after year, this enables straight automatic translation rather than developing a Python program from start.

SEMINARS / TRAININGS / WORKSHOPS

7 Days Workshop on Basics of C/C++ and "Data Structure and Algorithms"

26 Jan, 2022 - 02 Feb, 2022

Institute Name: Poornima College of Engineering

Key Skills: C C++ Data Structures

The "7 Days Workshop on Basics of C/C++ and "Data Structure and Algorithms"" was a training program held at Poornima College of Engineering from January 26, 2022, to February 2, 2022. The workshop focused on the fundamentals of C/C++ programming language.

Machine learning and its application.

19 Oct, 2021 - 19 Oct, 2021

Institute Name: Poornima College of Engineering

Key Skills: Introduction of machine learning

PERSONAL INTERESTS / HOBBIES

- Playing cricket
- Watching TED talks about day to day topics, problems and the way they are tackled by the people.
- Listings music

CERTIFICATIONS

- Introduction To Machine Learning** - NPTEL, July 2021 - Oct 2021
- Basics of Python** - Infosys Springboard, August 2023
- Programming Fundamentals using Python 1 & 2** - Infosys Springboard, August 2023
- Microsoft's Azure Fundamentals** - Microsoft, July 2023

PERSONAL DETAILS

Gender: Male

Marital Status: Single

Current Address: 63C, Jyoti Vihar, Geetanjali Colony, Mohru Nagar, Jaipur, Rajasthan, India - 302020

College Email: 2020pcecsavinash35@poornima.org

Date of Birth: 07 Jul, 2002

Known Languages: HINDI, ENGLISH AND BHOJPURI

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