



DEVESH SAMANT
B.Tech. - Computer Science & Engineering
- Graphic Era Hill University (Dehradun)
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BRIEF SUMMARY

Operating System : Windows, Linux(Ubuntu).
Programming : C, C++, Java, Javascript, Kotlin, SQL, HTML, Python, CSS, Data Structures, Algorithms, Reactjs, OOPs.
Tools : Jupyter, VS Code, Eclipse, Oracle Database, Git

KEY EXPERTISE

Problem Solving Teamwork Time Management

EDUCATION

Graphic Era University	2021 - 2025
B.Tech. - Computer Science & Engineering - Graphic Era Hill University (Dehradun) CGPA: 7.58 / 10	
Nosegay public school, Khatima	2021
12 th CBSE Percentage: 87 / 100	
nosegay public school, Khatima	2019
10 th CBSE Percentage: 85.50 / 100	

PROJECTS

Mobile Price Range Prediction	01 Feb, 2024 - 01 Jun, 2024
Team Size: 1	
Key Skills: Random Forest Algorithm Python Streamlit Machine Learning Scikit-learn Pandas NumPy	
Project Link: https://github.com/Deveshsamant/Mobile-range-Prediction-using-Random-Forest	
I developed a machine learning model using the Random Forest algorithm to predict the price range of mobile phones based on various features such as battery life, RAM, and screen size. The model achieved high accuracy in categorizing phones into different price segments, demonstrating the effectiveness of Random Forest in handling complex datasets and feature interactions. Python was used for model development, and Streamlit was employed for deployment, allowing the creation of a user-friendly interface where users can input phone specifications and receive an estimated price range. This project highlights the practical application of machine learning in consumer electronics pricing, showcasing how Random Forest can be leveraged to provide meaningful insights and predictions in a real-world context. The integration of machine learning with an interactive web interface enhances user accessibility and experience, making this system a useful tool for both consumers and businesses.	
Hand gesture recognition	01 Feb, 2023 - 01 May, 2023
Team Size: 1	
Key Skills: Mediapipe Python Computer Vision Machine Learning OpenCV	
Project Link: https://github.com/Deveshsamant/Hand-gesture-recognition	
I designed and implemented an advanced machine learning system to recognize hand gestures using the Mediapipe framework and Python. This system captures real-time video input and processes it to accurately identify specific hand gestures, allowing users to interact with digital systems without the need for physical touch. By leveraging sophisticated computer vision techniques, the system can track hand movements and interpret gestures with a high level of precision. Machine learning algorithms were employed to further enhance the accuracy and responsiveness of gesture recognition, enabling seamless interaction between the user and the system. This project highlights the potential of touchless control systems in various fields, such as human-computer interaction, assistive technologies for individuals with disabilities, and other applications where touchless input is beneficial. The combination of real-time processing, computer vision, and machine learning demonstrates the ability to create intuitive and efficient interfaces, paving the way for future innovations in gesture-based interaction.	
Movie Recommendation System	01 Sep, 2022 - 01 Nov, 2022
Team Size: 1	
Key Skills: Content-Based Filtering Python Programming Data Analysis Machine Learning Data Science	
Project Link: https://github.com/Deveshsamant/Movie-Recommendation-system	

I developed a recommendation system using content-based filtering techniques to suggest movies to users based on their preferences and viewing history. The system was implemented in Python, where I analyzed user ratings and movie features to provide personalized movie recommendations. By leveraging machine learning algorithms, I enhanced the accuracy and relevance of the suggestions, demonstrating how data science can be applied to improve user experience through tailored content recommendations.

ACHIEVEMENTS

- o secured 3rd position in esports tournament

ASSESSMENTS / CERTIFICATIONS

The Complete Android 14 & Kotlin Development Masterclass

Aggregate: 100 / 100

Key Skills: Kotlin API XML

The Complete Android 14 & Kotlin Development Masterclass is a comprehensive course aimed at teaching developers how to build modern Android applications using Kotlin and the latest features of Android 14. It covers everything from setting up the development environment to publishing apps on the Google Play Store, with detailed lessons on UI/UX design, data persistence, API integration, and advanced topics like Jetpack Compose and multithreading. The course is suitable for beginners and intermediate developers, providing them with the skills needed to create efficient, user-friendly apps with clean architecture and optimized performance.

The Web Developer Bootcamp 2024

Aggregate: 100 / 100

Key Skills: ReactJS Javascript CSS HTML HTML5 NodeJS MongoDB

The Web Developer Bootcamp 2024 is an extensive course designed to equip students with the skills necessary to become proficient full-stack web developers. It provides a comprehensive curriculum covering both front-end technologies, such as HTML, CSS, JavaScript, and React, and back-end development with Node.js, Express, and MongoDB. The bootcamp also explores essential topics like RESTful APIs, version control with Git, authentication, and deployment. Tailored for both beginners and those with some coding experience, the course prepares learners to build dynamic, responsive web applications and excel in the field of web development.

Crash Course on Python

Aggregate: 89 / 100

Key Skills: Python

A Python crash course offers a fast-paced, comprehensive introduction to the language, covering essential topics such as basic syntax, data types, and control flow. It includes hands-on instruction on defining functions, working with data structures like lists and dictionaries, and handling files and errors. The course also introduces fundamental concepts of object-oriented programming, and shows how to use modules and libraries to extend functionality. By engaging in practical exercises and mini projects, learners gain the skills needed to start coding in Python and apply their knowledge to real-world problems.

PERSONAL DETAILS

Gender: Male

Marital Status: Single

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Date of Birth: 17 Apr, 2004

Known Languages: English hindi

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WEB LINKS

- o Github - <https://github.com/Deveshsamant>
- o Personal - <https://devesh-samant.vercel.app/>