

Hello

I'm Rakshit Verma

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Website : <https://wsiterv.github.io/web-dev/>

Skills

Programming Languages: Python (Intermediate), CPP(DSA-focused), JavaScript, Linux(Bash-Scripting)

Frameworks and Libraries: React, NumPy, Pandas, Matplotlib, Tkinter(GUI), Tensorflow.

AI/ML: Proficient in ANN and CNN, familiar with the CIFAR dataset and LeNet model. Taken "Neural Networks and Deep Learning" by DeepLearning.AI, "Career Essentials in AI" by Microsoft, Udemy's CIFAR-10 project and Data Analysis Using Python" by NIELIT.

Web Development: Proficient in front-end technologies, Flask, Django, React, PHP, basic Node.js

DevOps: Familiar with Docker for containerization.

Education

2009 - 2020

Creane Memorial High School, Gaya (Class 1-10)

Completed my 10th grade.

2020 - 2022

Nazareth Academy, Gaya (11th & 12th)

Secured the highest score in 12th grade.

Awarded "Best Boy" of the batch.

2023 - Present

IIIT Dharwad, Dharwad-Hubli (B.Tech - CSE)

Pursuing B.Tech in Computer Science and Engineering.

Academic Performance (SPI):

Semester 1: 8.24

Semester 2: 9.05

Semester 3: 8.67

Current CPI: 8.65

Certifications

Foundational C# with Microsoft

Issued by: freeCodeCamp | Date: Jan 2025

Mastering Data Structures and Algorithms

Issued by: Udemy | Date: Jan 2025

Postman API Fundamentals Student Expert

Issued by: Canvas Credentials (Badgr) | *Date:* Jan 2025

Data Analysis Using Python

Issued by: National Institute of Electronics & Information Technology

Career Essentials in Software Development

Issued by: Microsoft | *Date:* Aug 2024

Career Essentials in Generative AI

Issued by: Microsoft | *Date:* Jul 2024

Master Image Classification with CNN on CIFAR-10 dataset: A Deep Learning Project for Beginners using Python

Issued by: Udemy | *Date:* Feb 2025

Languages

Proficient in both English and Hindi

Projects

Breast Cancer Prediction App

Developed a Django web app for predicting breast cancer using machine learning(Tensorflow) , with features like user authentication, real-time prediction, CSV uploads, and **Docker support**. Tech stack: **Django, NumPy, Docker, HTML/CSS/JavaScript, Tensorflow**.

Source : [Github Link](#)

JoSAA College Data Analyzer

Developed a Python GUI app to analyze JoSAA counseling data for engineering admissions in India, with features like college filtering, rank-based suggestions, interactive visualizations, and gender/quota analysis. Users can export data in CSV format. Tech stack: **Python, Tkinter, Pandas, Matplotlib**.

Source : [Github Link](#)

Bash Scripts

A collection of shell scripts for **automating terminal customization, file organization, project initialization, image resizing, and text-to-speech conversion**.

Source: [Github Link](#)

Full-Stack Social Media Platform

Developed a feature-rich social media web application enabling user interactions through real-time chat, posts, comments, likes, chat rooms, and AI-based bot assistance. Integrated secure user authentication (JWT), role-based access (Gold Members, Admins), and admin moderation tools. Built using React.js, Node.js (Express), MongoDB, and MySQL.

Source: [Github Link](#)