

Shivam Shukla

Feb 7, 2003, 📍 Phagwara, Punjab, India.

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EDUCATION

Guru Nanak Dev Engineering College

Bachelor of Science in Computer Science

June 2024

Current SCGPA: 8.3

LMJ Public School

March 2020

+2 CBSE

90.8

SKILLS

Languages: C/C++, JavaScript, HTML/CSS, Python, Java , MongoDB

Tools: Git/GitHub, Unix Shell, VS Code, Typst, Postman

Frameworks: Node.js, ExpressJS, Mongoose, JWT, React, Tailwind

Libraries: pandas, NumPy, Matplotlib, scikit-learn

PROJECTS

Dynamic Traffic Light Control System | *College Git Repo*

- Developed a traffic light simulation using Pygame to visualize dynamic signal adjustments based on real-time traffic data.
- Assisted in integrating machine learning algorithms to optimize signal timings.
- Designed and tested the simulation for analyzing traffic flow improvements.

Simple Weather Web Page | *Netlify Link*

- Built and deployed a single-page weather web page on Netlify, displaying live weather data based on user location.
- Used Redux for API calls, integrating location services.

Fake News Prediction | *Jupyter Notebook File on Github*

- Developed a fake news prediction app using a logistic regression model, achieving high accuracy in classifying news as fake or real.
- Performed data preprocessing with NLP techniques and saved the trained model for deployment.

Simple Photo Editor | Python, Tkinter, PIL | *Github link*

- Designed and developed a user-friendly photo editor using Python and the Tkinter library, allowing users to perform basic image manipulation tasks.
- Implemented features for image loading, resizing, cropping, rotating, and applying various filters and effects to enhance and modify photos.

EXPERIENCE

Excellence Technology | *Internship*

June 2023 -Jan 2024

- Working in a real-life professional environment, collaborating with a dynamic team on various projects.
- Gaining hands-on experience in machine learning and made various projects.
- Participating in team meetings, problem-solving sessions, and contributing to project discussions.

STEP-GNDEC |

June 2022 - July 2022

- Participated in the STEP-GNDEC program, dedicated to learning Python and its practical applications.
- Implemented a Simple Photo Editor project as part of the program, gaining proficiency in Python and image processing.

Center for Multi-Faceted Learning, GNDEC | *Executive Member*

Aug 2021 – Aug 2023

- Serving as an executive member with a focus on creative design.
- Contributing to the development and execution of multifaceted learning initiatives.
- Collaborating with fellow members to design engaging and interactive educational materials.