

# HIMANSHU KUMAR

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## OBJECTIVE

A computer science student with hands-on experience in Python, Django, Flask, and data analytics. Developed projects integrating AI, database management, and web applications. Passionate about learning new technologies and contributing to innovative software solutions. Seeking an internship or entry-level opportunity to apply technical skills in a professional environment.

## EDUCATION

### BE in Computer Science and Engineering

Expected 2025

Don Bosco Institute of Technology

CGPA: 7.9

## SKILLS

### Programming Language

Python, C++, C, Java, HTML, CSS, JavaScript

### Framework/Libraries

Django, Flask, Tkinter, Pandas, NumPy, Matplotlib, Seaborn

### Databases

MySQL, SQLite, MongoDB

### Development Tools & Version Control

Git, GitHub, Jupyter Notebook, Google Colab

### Software Development Concepts

OOP, REST APIs, DSA, Software Debugging

### Soft Skills

Team Collaboration, Problem-Solving, Adaptability, Communication

## EXPERIENCE

### Infosys | Full-Stack Development Intern

Nov 2024 - Feb 2025

- Developed Pet Haven, a full-stack web platform with features like user authentication, canine commerce, spa booking, competition registration, and automated notifications.
- Built the back-end with Flask (Python), a responsive front-end using HTML, CSS, JavaScript, and managed data with SQLite3 and SQLAlchemy ORM.
- Integrated profit/revenue analytics using Matplotlib and Seaborn, conducted unit testing (Unittest/Pytest, and successfully deployed the platform to enhance user experience and streamline operations.

### Samsung Innovation Campus | Selective Training Program

- I completed Python training under the Coding & Programming (C&P) course at Samsung Innovation Campus, gaining future-proof Python and data analytics skills to enhance employment prospects.

## PROJECTS

**Spam Detection.** Developed an NLP-based spam detection model to classify emails as spam or ham using text preprocessing techniques like tokenization and TF-IDF vectorization. Classifiers trained and evaluated, including logistic regression, naive Bayes, and random forest, achieved high precision. Streamlit built and deployed a web app, enabling real-time spam classification with a user-friendly interface.

**Netflix Data Analysis.** Analyzed Netflix data using Pandas and NumPy, employing the sentiment analysis of TextBlob to outline the preferred choices for users. Data visualizations were applied in Plotly to reveal the main viewer behavior and content engagement trends.

**Blog Website.** Developed a full-stack blog platform using Flask and SQLAlchemy, with a modern front-end interface. Implemented user authentication, content management, and a responsive design to enhance user engagement and accessibility.

**AI-Based First Aid Assistance.** Designed an AI-based first aid assistant using Google Generative AI, integrating Gradio for an intuitive user interface. Processed image and text input to suggest real-time first aid measures, improving accessibility to emergency care.

## CERTIFICATIONS

- **Python Foundation Certification** Infosys Springboard
- **Django Course Certification** Geeks for Geeks