Dhruvil Rami

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CAREER OBJECTIVE

Enthusiastic and solutions-driven Computer Science graduate student with a solid foundation in Python, Django, Flask, RESTful APIs, and full stack web development. Seeking a full-time Python Developer role where I can apply my programming skills and software engineering principles to build scalable applications, improve system performance, and contribute to high-impact development projects in an agile environment.

SKILLS

- **Backend:** Python, Django, Flask, RESTful APIs, JSON, Git, Unit Testing
- **Frontend:** HTML5, CSS3, JavaScript, Bootstrap, React, AJAX
- **Databases:** MySQL, PostgreSQL, SQLite, NoSQL (MongoDB)
- **Tools & Technologies:** Git & GitHub, VS Code, Postman, Agile/Scrum, Linux/CLI, CI/CD

EDUCATION

Cleveland State University, Cleveland, Ohio, USA GPA 3.63
Master of Computer Science May 2025
Relevant Coursework: Introduction to Database Systems, Big Data & Parallel Database System, Analysis of Algorithms, Comparative Programming Language, Operating System
Silver Oak College Of Engineering, Ahmedabad, Gujarat, India GPA 3.45
Bachelor of Technology, Computer Engineering July 2022

EXPERIENCE

Full Stack Developer Intern Jan 2022 – June 2022
Vnurture Technologies, Ahmedabad, Gujarat, India

- Led the development of a full-stack web application for internal project and task management, integrating React.js frontend with Django (Python) backend.
- Engineered scalable RESTful APIs for user authentication, project tracking, and task assignments, ensuring smooth communication between frontend and backend.
- Designed and maintained relational schemas using MySQL for storing users, tasks, timelines, and reports.
- Ensured responsive UI/UX using HTML, CSS, and JavaScript; followed Agile development practices and version control with Git.

Data Analyst Intern May 2021 – Jun 2021
Softvan, Ahmedabad, Gujarat, India

- Performed in-depth exploratory data analysis (EDA) on global COVID-19 datasets to uncover trends, correlations, and insights into infection rates, recovery, and mortality.
- Utilized Pandas and NumPy for data cleaning, transformation, and manipulation, ensuring data accuracy and integrity.
- Created insightful visualizations using Matplotlib and Seaborn to represent country-wise comparisons, time series trends, and heatmaps of active cases.
- Documented findings and shared results through interactive Jupyter Notebooks, emphasizing reproducibility and clarity of analysis.

PROJECTS

DevLink – Full Stack Developer Collaboration Platform May 2025

- Developed a full-stack collaboration platform for developers to create profiles, showcase projects, and connect with other professionals.
- Implemented backend using Python (Flask) and RESTful APIs to manage users, messaging, project uploads, and authentication.
- Designed frontend using React, Bootstrap, and AJAX for a dynamic and responsive user experience.
- Integrated MongoDB for flexible document storage and JWT-based authentication for secure access.
- Used Postman for API testing, followed Agile methodology, and maintained codebase using Git & GitHub.

2020 Presidential Election Candidate Tweet Analysis: Trump vs. Biden Aug 2024 – Nov 2024

- Conducted sentiment analysis and trending analysis on over 100,000 tweets related to Donald Trump and Joe Biden during the 2020 U.S. Presidential Election using Python, MongoDB, and Machine Learning.
- Utilized Natural Language Processing (NLP) techniques, including TextBlob and VADER, to classify tweets into positive, negative, and neutral sentiments, achieving 90% accuracy in sentiment classification.
- Built and evaluated Machine Learning models (Logistic Regression and Random Forest) to predict tweet sources (Trump vs. Biden) and voter intent (supportive vs. critical).

Online Tourism Portal Oct 2022 – Dec 2022

- Designed and developed a dynamic tourism web portal that allows users to explore destinations, view customized travel packages, and make bookings.
- Built with Django for backend logic and SQLite for database management, the platform features secure user authentication, interactive package listings, and an admin dashboard.
- Integrated email notifications for booking confirmations and inquiries using SMTP. Implemented payment gateway integration for seamless online transactions.