

# Dhruvil Rami

Houston, Texas | Open to Relocation

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## SUMMARY

Results-oriented professional with a strong foundation in Python, Django, Flask, and database management systems (MySQL, PostgreSQL, MongoDB). Experienced in developing and maintaining scalable, data-driven applications with a focus on data integrity, automation, and performance optimization. Skilled in designing and managing complex relational and NoSQL databases to support manufacturing operations such as production tracking, inventory management, and supply chain analytics. Passionate about using technology to improve operational efficiency, ensure data reliability, and drive data-informed decision-making within industrial environments.

## SKILLS

Python | Django | Flask | RESTful APIs | JSON | Git | Unit Testing | HTML5 | CSS3 | JavaScript | Bootstrap | React | AJAX | MySQL | PostgreSQL | SQLite | NoSQL (MongoDB) | Git & GitHub | VS Code | Postman | Agile/Scrum | Linux/CLI | CI/CD | Microsoft Azure

## PROJECTS

### 2020 Presidential Election Candidate Tweet Analysis: Trump vs. Biden | [GitHub Link](#)

- 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).

### DevLink – Full Stack Developer Collaboration Platform | [GitHub Link](#)

- Developed a full-stack collaboration platform for developers to create profiles, showcase projects, and connect with professionals, enabling seamless interaction and engagement.
- Built a secure backend using Python (Flask), RESTful APIs, and MongoDB with JWT authentication; implemented a responsive React frontend with Bootstrap and AJAX for an intuitive user experience.
- Tested and maintained the application using Postman, Git & GitHub, and Agile methodologies, ensuring efficient collaboration and high code reliability.

### Online Tourism Portal | [GitHub Link](#)

- 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.

## EXPERIENCE

### Web Developer (Volunteer)

Sep 2025 – Present

US, Remote

#### Street Care

- Collaborate with various teams to build features to design and develop new features for the application.
- Analyzing user requirements, developing and aligning web design with organization's business goals.
- Writing well-designed, testable, efficient code by using best application development practices.
- Integrate data from various back-end services and databases.

### Full Stack Developer Intern

Jan 2022 – Jun 2022

Ahmedabad, GJ

#### Vnurture Tech

- Built full-stack application for internal project management, integrating React.js frontend with Django (Python) backend.
- Ensured responsive UI/UX using HTML, CSS, and JavaScript; followed Agile development practices and version control with Git.
- Designed and maintained relational schemas using MySQL for storing users, tasks, timelines, and reports.

### Data Analyst Intern

May 2021 – Jun 2021

Ahmedabad, GJ

#### Softvan

- 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.

## EDUCATION

**Master's in Computer Science** | Cleveland State University, Cleveland, OH

**Bachelor of Technology, Computer Engineering** | Silver Oak College Of Engineering, Ahmedabad, GJ

## CERTIFICATIONS

**Azure DevOps** | LinkedIn Learning | [Credentials](#)

**Django Essential** | LinkedIn Learning | [Credentials](#)

**Python Essential** | LinkedIn Learning | [Credentials](#)