

VINIT SUVARNA

Full-Stack Web Developer | AI Integration & Data Analytics |

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CAREER SUMMARY:

With a strong foundation from my B.Voc program, I have built a diverse portfolio of full-stack and AI-powered applications using technologies like React, Django, and Python. Currently, I am deepening my specialization in Data Analytics and Web Development, focusing on creating data-driven solutions while honing my problem-solving and collaborative abilities through continuous project work. Moving forward, I am seeking an internship or an entry-level role where I can apply my development skills to contribute to impactful projects and gain practical industry experience in an innovative environment.

RELEVANT PROJECTS:

Food App

Technologies Used: Django, Python, HTML, CSS, Bootstrap, JavaScript, SQLite, PayPal API

Developed a multi-vendor food ordering platform using the Django Framework, designed to streamline operations for restaurants, customers, and administrators. The application enables efficient order management, payment processing, and user authentication within a secure ecosystem.

Key Features:

- Implemented complex CRUD operations for distinct user categories (Admin, Restaurant, Customer) using Django's ORM querysets.
- Integrated cart and checkout functionalities with PayPal payment gateway for real-time, secure transactions.
- Designed customized authentication workflows, including role-based registration, login, and logout modules with session management.
- Enhanced user experience (UX) with pagination, dynamic search filters, and responsive design for optimized usability.
- Structured admin dashboard for monitoring restaurants, menus, and orders efficiently.

Travel Companion App

Technologies Used: React.js, Django REST Framework (DRF), Python, Axios, JWT Authentication, HTML, CSS, JavaScript

Built a full-stack travel planning web application integrating React (frontend) and Django REST Framework (backend) to help users plan budget-friendly trips and manage itineraries efficiently.

Key Features:

- Designed and deployed RESTful API endpoints using Django REST Framework to manage destinations, user profiles, saved trips, and preferences.
- Implemented JWT (JSON Web Token) based authentication and authorization ensuring secure data communication between frontend and backend.
- Developed a responsive and dynamic UI using React Hooks and state management for real-time updates and smooth user experience.
- Integrated search, filtering, and sorting features for destination discovery and trip management.
- Enabled data persistence and user customization for saving and editing itineraries.

Data Insights Bot

Technologies Used: Streamlit, Python, Pandas, NumPy, Matplotlib, Seaborn, Scikit-learn, Natural Language Processing (NLP)

Created an AI-powered interactive chatbot application using Streamlit and Python Data Science libraries, designed to analyze and visualize uploaded CSV datasets through conversational interaction.

Key Features:

- Built a Streamlit web interface enabling users to upload CSV files and perform instant exploratory data analysis (EDA).
- Utilized Pandas and NumPy for efficient data cleaning, preprocessing, and statistical computations.
- Integrated Matplotlib and Seaborn for automated data visualization, including bar charts, histograms, and correlation heatmaps.
- Developed a natural language query system allowing users to ask questions about their datasets (e.g., “show top 5 highest sales regions”).
- Incorporated machine learning-ready preprocessing for future scalability.

COVID-19 Data Visualization Dashboard

Technologies Used: Tableau, Excel, Data Cleaning, Data Analysis, Dashboard Design

Designed and implemented an interactive data visualization dashboard in Tableau to explore and analyze the global impact of COVID-19, leveraging real-world datasets for actionable insights.

Key Features:

- Imported and processed global COVID-19 datasets for cleaning, transformation, and integration into Tableau.
- Created interactive charts and maps, including time-series line graphs, heatmaps, and geo-spatial visualizations to monitor global case trends.
- Applied calculated fields to derive key performance indicators (KPIs) such as mortality rate, recovery rate, and case fatality ratio by region.

- Developed a comprehensive dashboard with interactive filters (date, country, continent) for detailed and user-driven exploration.
- Ensured an intuitive layout emphasizing clarity, usability, and real-time insights.

SKILLS:

- JavaScript
- HTML / CSS
- Python
- React
- Django
- REST API
- Streamlit
- Tableau
- MongoDB
- Data Visualization
- SQL (beginner)
- GitHub
- VS Code
- Excel

CERTIFICATIONS:

- Microsoft Excel 2019 Associate
- Nvidia Fundamentals of Deep Learning
- Nvidia Natural Language Processing (NLP)
- Nasscom Web Development (Awaiting Certificate)

EDUCATION:

Ongoing | Thakur College of Engineering & Technology

- B.Voc - Data Analytics (AIDS and Web Development Specialization)
- Current CGPA: 7.72
- SSC: 79.4%