

HEMANTH L

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Full-Stack Web Developer with a background in Data Science and Statistics, passionate about building dynamic web applications and leveraging data-driven insights to solve real-world problems and drive business growth.

Education

Kristu Jayanti College (Deemed to be University), Bengaluru Master of Science in Data Science (SEM – 1 : 7.15 ; SEM – 2 : 7.23)	2024 - 2026
Kristu Jayanti College, Bengaluru Bachelor of Computer Application	2021 - 2024 CGPA - 7.74

Experience

Data Science Intern APEXIQ.AI	Jun 2025 - Jul 2025 Bengaluru, India
<ul style="list-style-type: none">Built and deployed a Random Forest regression model to predict real estate ROI, achieving an R² score of 0.81.Performed data cleaning, preprocessing, and exploratory data analysis (EDA) using Pandas and NumPy.Trained and evaluated models using MAE, RMSE, and R² metrics.Analyzed feature importance and ROI patterns using data visualization techniques.Deployed the model using Streamlit to enable real-time user predictions.	
Technical Support Engineer Intern (L1) HOSTUPCLOUD TECHNOLOGY PVT. LTD.	May 2023 - Jul 2023 Bengaluru, India
<ul style="list-style-type: none">Provided L1 technical support via WHMCS, resolving 40+ tickets weekly through calls, live chat, and ticketing system with 95% first-contact resolution rate.Deployed and managed 20+ virtual machines on Windows and Linux-based environments, ensuring 99% uptime for client hosting services.Configured hosting services using cPanel and Plesk for 30+ clients, including WordPress deployments and domain management.Troubleshoot DNS, server, and application-related issues, reducing average ticket resolution time by 25% through efficient L1 diagnosis and L2/L3 escalation.	

Skills

- Programming Languages: Python, SQL, R (Basic)
- Data Analysis & ML: Data Cleaning, Exploratory Data Analysis , Statistical Analysis, Feature Engineering, Regression, Classification, Model Evaluation, A/B Testing, Predictive Analytics, Data Modeling, Business Intelligence
- Libraries & Tools: Pandas, NumPy, Scikit-learn, TensorFlow, Matplotlib
- Data Visualization: Power BI, Tableau, Excel
- Cloud & DevOps: Linux, Virtual Machines, Jenkins, CI/CD, Git, GitHub
- Web Technologies: React.js, Next.js, HTML, CSS, JavaScript
- Databases: MongoDB, MySQL

Project

Crime Data Analysis Web Application

- Designed and developed a full-stack web application using React.js, Node.js, and MongoDB with interactive dashboards for crime data visualization and trend analysis.
- Enabled real-time analytical insights through a dynamic user interface to support data-driven decision-making for crime pattern recognition.

E-Food Restaurant Platform (DevOps-Based Application)

- Developed a scalable full-stack food ordering platform using Next.js with automated CI/CD pipelines via Jenkins and Python for streamlined build, test, and deployment processes.
- Ensured seamless application delivery and scalability through DevOps best practices and continuous integration workflows.

Real Estate ROI Prediction System

- Built and deployed an end-to-end machine learning pipeline using Python, Pandas, and Scikit-learn to predict real estate ROI, achieving an R² score of 0.81 with Random Forest Regressor.
- Performed comprehensive data cleaning, feature engineering, and one-hot encoding, then packaged the model using Joblib with visualizations to support investor decision-making.

Certifications

- **Introduction to MongoDB** - mongodb.inc, 2024.
- **Python for Data Science** - NPTEL (IIT Madras).
- **Qlik Sense Business Analyst Qualification** – Qlik, 2023
- **Google Analytics for beginners** - 2024
- **Azure Fundamentals** – 2024
- **Google Cybersecurity** -Coursera – 2024

Languages

English, Kannada, Hindi, Tamil, Telugu