


# 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

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

## Experience

<b>Data Science Intern</b> <b>APEXIQ.AI,</b>	<b>Jun 2025 - Jul 2025</b> <b>Bengaluru, India</b>
<ul style="list-style-type: none"><li>Built and deployed a Random Forest regression model to predict real estate ROI, achieving an <math>R^2</math> score of 0.81.</li><li>Performed data cleaning, preprocessing, and exploratory data analysis (EDA) using Pandas and NumPy.</li><li>Trained and evaluated models using MAE, RMSE, and <math>R^2</math> metrics.</li><li>Analyzed feature importance and ROI patterns using data visualization techniques.</li><li>Deployed the model using Streamlit to enable real-time user predictions.</li></ul>	
<b>Technical Support Engineer Intern (L1)</b> <b>HOSTUPCLOUD TECHNOLOGY PVT. LTD.</b>	<b>May 2023 - Jul 2023</b> <b>Bengaluru, India</b>
<ul style="list-style-type: none"><li>Provided L1 technical support via WHMCS, resolving 40+ tickets weekly through calls, live chat, and ticketing system with 95% first-contact resolution rate.</li><li>Deployed and managed 20+ virtual machines on Windows and Linux-based environments, ensuring 99% uptime for client hosting services.</li><li>Configured hosting services using cPanel and Plesk for 30+ clients, including WordPress deployments and domain management.</li><li>Troubleshooted DNS, server, and application-related issues, reducing average ticket resolution time by 25% through efficient L1 diagnosis and L2/L3 escalation.</li></ul>	

## 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  $R^2$  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

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- **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

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English, Kannada, Hindi, Tamil, Telugu