Arumulla Hema

📞 +91- 9535069381 ✉ hemaarumulla@gmail.com
🔗 https://www.linkedin.com/in/hema-arumulla-2bba92282/
 https://github.com/hemaarumulla
https://portfolio-hemaarumulla.netlify.app/

Career Objective

Motivated and detail-oriented B.Tech graduate with a strong foundation in data handling, programming, and databases. Proficient in SQL, MongoDB, Python, and data analysis tools, with additional knowledge of C, Git/GitHub, HTML, and CSS. Eager to contribute as a Data Analyst by transforming data into actionable insights, supporting data-driven decision-making, and continuously expanding my analytical and technical skills in a dynamic and collaborative environment.

Technical skill

- **Data Analysis**: SQL, Power BI, and Python for data analysis and reporting.
- **Data Visualization**: Experienced in creating dashboards and visual reports using Power BI.
- **Database Management**: Skilled in SQL,MangoDB.
- **Programming**: Python (Pandas, Numpy,Matplotlib)
- **Front-End :** HTML, CSS
- **Version Control:** Git, GitHub

Projects

1. Churn Prediction Model for Subscription Service

Description: Built a machine learning model using real-world datasets from Kaggle to predict customer churn for a subscription-based service.

Summary:
- Achieved 85% prediction accuracy, enabling data-driven retention strategies that reduced churn by 10% over 6 months.
- Conducted data preprocessing, feature engineering, and model training using Python libraries like pandas.
- Visualized key insights and churn drivers in a Power BI dashboard to support business decision-making.

Tools & Technologies Used: Python, pandas, Power BI, Kaggle datasets.

2. Sales Analysis and Forecasting Dashboard

Description: Developed a predictive analytics dashboard using 3+ years of historical sales data to support strategic business decisions.

Summary:
- Automated monthly sales trend reporting, improving reporting efficiency by 25%.
- Created time-series forecasting models to predict future sales with 90% accuracy.
- Delivered insights through an interactive Power BI dashboard.

Tools & Technologies Used: Power BI, Data Visualization

3. VR Headset Front-End Interface

Description: Designed a web-based interface concept for a VR headset to demonstrate front-end design and development capabilities.

Summary:
- Developed responsive with clean layout and intuitive design.
- Focused on cross-device compatibility, accessibility, and modern styling techniques.

Tools & Technologies Used: HTML, CSS, Responsive Web Design

Experience

Elsoftern Tech Solutions   April 2024 – February 2025
Front-End Developer Intern   *Remote | Bhimavaram, India*

- Contributed to the development of a secure and responsive tax filing web platform for individuals and businesses.

- Designed and implemented intuitive UI components using HTML, CSS, and JavaScript.

- Ensured cross-device compatibility and accessibility through responsive design and front-end best practices.

- Conducted testing to optimize performance and enhance user experience.

- Collaborated in an agile team environment to understand real-world front-end development workflows.

- Applied version control practices using Git and GitHub for efficient code management.

Education

SRKR Engineering College, Bhimavaram   August 2022 - July 2026

Bachelor of Technology in Electronics and Communication Engineering   *(GPA: 9.1 / 10.0)*
Minors in Computer Science and Technology

Sri Saraswathi Junior College, Ongole   April 2020 - March 2022

Higher Secondary Education (Mathematics, Physics, and Chemistry) (percent:97.4%)

Sri Ramm High School, Ongole   April 2019 - March 2020

Secondary School Certificate (SSC) (percent:97.5%)

Key Strengths

- Team Player
- Time Management.
- Adaptability & Flexibility
- Strong Communication Skills

Additional Information

Certifications:

- C Programming Certification – Infosys
- JPMorgan software Engineering Job simulation on Forage-JUNE 2025
  Under Persoective data visualization software and python to monitor "Analyzed unified telemetry data from four global factories to identify the location and machine types with the highest failure rates."
- Front-End Web Developer Certification

Courses & Workshops:

- Completed *Conversational English Skills* course by Tsinghua University
- Participated in *Har Ghar Dhyan* session organized by The Art of Living
- Participated in *Flipkart Runway: Season 4* organized by Flipkart