Harshadeep Chowdary Kommareddi

harshadeep107@gmail.com ❖ +971502846189 ❖ Sharjah, UAE ❖ github.com/Harsha107

EDUCATION

Birla Institute of Technology and Sciences (BITS) Pilani, Dubai Campus   **2021 - Present**
Dubai, UAE
- Bachelor Of Engineering (Hons.) Computer Science, CGPA: 8.55
- Relevant coursework: Cryptography, Optimization, Deep Learning, Data Mining, Machine Learning, Neural Networks and Fuzzy Logic, Foundations in Data Science, Natural Language Processing.

FIITJEE, VIJAYAWADA   **March 2021**
AP, India
- APBIE (12th Grade examination) – 89.2% overall average.

DR. K.K.R's GOWTHAM HIGH(E.M), GUDIVADA   **March 2019**
AP, India
- AISSE (10th Grade CBSE examination) – 88.6% overall average.

WORK EXPERIENCE

HASH GATE TECHNOLOGY   **June 2023 – August 2023**
Web Development Intern   *Dubai, UAE*
- Worked as a junior front-end developer for the web development team.
- Built multiple websites using Shopify, HTML, CSS, and React JS.

VIRTUAL INTERNSHIPS/JOB SIMULATIONS

- **Goldman Sachs Excel Skills for Business Job Simulation on Forage**   **November 2024**
  Acquired proficient command of Excel functionalities and data analysis techniques, including data cleansing, manipulation, conditional formatting techniques, proficiency in automation by learning to record macros and script in Visual Basic for Applications (VBA), and developing two functional macros integrated with buttons using account sales data. Gained expertise in data visualization and storytelling using Excel and PowerPoint by creating impactful charts and interactive dashboards.

TECHNICAL SKILLS & PROJECTS

- **Technical Skills -** C, C++, Python, Java, SQL, PHP, Mongo DB, JavaScript, Spring Boot, Node JS, Angular, HTML, CSS, Power BI, Microsoft Excel, React Native, Swift, and React JS.
- **Certifications** – Project Management Essentials Certified (PMEC)[TM], MongoDB Atlas Security.
- **Data Mining Project - Energy Demand Prediction Using Machine Learning Models**
  Created a program for predicting the electricity usage in Ontario by inputting weather data, using data mining algorithms and Python, along with a GUI made using Gradio.
- **Neural Networks Project – Bankruptcy Prediction**
  Developed a deep learning model for bankruptcy prediction using CNN and LSTM networks, achieving 96.11% accuracy. Applied data preprocessing (PCA, SMOTE) to handle class imbalance and enhance performance. Contributed to model building, evaluation, and financial data analysis, demonstrating machine learning and neural network expertise.
- **Foundations in Data Science Project – Supply Chain Optimization using Machine Learning**
  Performed EDA on a dataset of skincare and healthcare products from a startup company and predicted the product's stock level and transportation costs based on various dependent variables using Machine Learning models. GUI was made using Streamlit.
- **Web Scraping Project – Amazon Product Price Watcher and Notification System**
  Implemented a web scraper and built a web application using Streamlit where the application asks the users to enter a product URL and specify a desired price threshold. The system scrapes the product's title, price, rating, and access date daily, storing this data in a CSV file. An email notification is sent if the price falls below the user's threshold.

ADDITIONAL

- **Skills -** Programming, Web Development, Web Scraping, Front-end development, Project Management, Teamwork, Creative Thinking, Time Management, Problem Solving.