

Nagendra Obuldasu Ummadi

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Location: Hyderabad

EDUCATION

- Bapatla Engineering College** Bapatla, India
Bachelor of Technology (B.Tech) - Data Science; CGPA: 8.74 Dec 2020 - May 2024
- Sri Pratibha Junior College** Ongole, India
Board of Intermediate Education - Physics, Chemistry & Mathematics; CGPA: 9.94 Mar 2018 - May 2020

TECHNICAL SKILLS

- Programming Skills:** Java, JavaScript, HTML, CSS, Python, OOPS Concepts, Data Structures & Algorithms,
- Database:** SQL, MongoDB
- Frameworks:** Bootstrap, React.js, Node.js, Express.js
- Data Analysis & Visualization:** Excel, Power BI, Tableau, Python (Pandas, Numpy, Matplotlib, Seaborn)
- Tools:** Git, GitHub, Jupyter Notebook, VS Code, Figma, Chrome DevTools, Eclipse, Apache Tomcat, IntelliJ IDEA
- Others:** Machine Learning, AWS, DevOps, Agile methodologies

INTERNSHIP EXPERIENCE

- Web Development Intern** Aug 2022 - Dec 2022
Verzeo Remote
 - Front-End Development:** Built 1 responsive user interface using HTML, CSS, JavaScript, Bootstrap, and React, enhancing the user experience across multiple devices.
 - Back-End & Database Integration:** Formed 2 interactive web applications with Node.js, Express.js, and MongoDB, enabling efficient data storage and seamless integration between front-end and back-end.
- Data Analyst Intern** Jan 2024 – Apr 2024
Innovate Remote
 - Data Analysis & Visualization Tools:** Gained hands-on experience in data analysis and visualization using tools like Excel, SQL, Power BI, and Python libraries increasing data processing efficiency by 30%
 - Data Insights & Decision-Making:** Analyzed large datasets to derive meaningful insights and trends, contributing to data-driven decision-making processes, improving decision accuracy by 25%.

PROJECTS

- Interactive Portfolio Website with Real-Time Features** Aug 2024 – Oct 2024
Technologies Used: React, JavaScript, Bootstrap, Firebase
 - Portfolio Website Development:** Designed and developed a fully responsive portfolio website to showcase personal projects, skills, and achievements.
 - Dynamic Content Rendering:** Utilized React for content rendering, ensuring a smooth user experience across 3+ devices.
 - User Authentication & Real-Time Database Management::** Integrated Firebase for user authentication and real-time database management, improving contact form handling efficiency by 25%.
 - Responsive Design:** Applied Bootstrap for responsive layout and styling, ensuring 100% compatibility across various screen sizes.
 - Cross-Platform Compatibility:** Optimized the website for cross-platform compatibility, ensuring seamless performance on mobile, tablet, and desktop devices.
- Healthcare Disease Prediction** Apr 2024 - May 2024
Technologies Used: Python, Machine Learning, Flask
 - Disease Prediction Model Development:** Engineered a predictive model to identify potential diseases using machine learning algorithms in Python, utilizing Scikit-learn, achieving 85% accuracy in disease prediction.
 - Data Analysis & Feature Extraction:** Analyzed healthcare datasets to extract 5+ key features, enhancing model performance and improving disease prediction accuracy by 20%.
 - Model Training & Optimization:** Trained the model on 3 diverse datasets, continually optimizing algorithms to increase predictive accuracy in diagnosing diseases by 15%.
 - Web Application Development with Flask:** Developed a user-friendly web application with Flask, enabling healthcare professionals to input patient data and receive real-time disease predictions.
 - Improved Patient Care & Clinical Decision Support:** Delivered predictive insights that facilitated clinical decision-making, improving patient care outcomes by 25%.

CERTIFICATIONS

- Completed Responsive Web Designing – freeCodeCamp
- Earned Full Stack Web Development Specialization – Infosys Springboard
- Completed Data Analysis and Visualization with Python – edX
- Earned Python, SQL Certificates – HackerRank

SOFT SKILLS

- Communication, Collaboration, Innovation, Learning Agility, Teamwork, Creativity, Analytical Mindset, Leadership