

BONAM ANJANI

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Education

GITAM University

Visakhapatnam, India

B.Tech. in Computer Science and Engineering

09/2021 - 05/2025

- CGPA: 7.76/10
- Main coursework: Data Structures, Design and Analysis of Algorithms, Computer Architecture, Computer Networks, IoT, Artificial Intelligence, Database Systems, Operating Systems, Software Engineering, Data warehousing and Mining.

Sri Chaitanya Junior College

Visakhapatnam, India

Completed 12th-grade coursework with a strong focus on mathematics, physics, and chemistry with 85%

Experience

TechnohubV IT Solutions, Vizag

Web Development Intern

05/2024 - 06/2024

- Gained hands-on web development experience at TechnohubV IT Solutions.
- Built and maintained websites, enhancing technical skills and web technology knowledge.

CodeBeat

Data Science Intern

06/2024 - 08/2024

- Assisted in designing ETL data pipelines using SQL and conducted data cleaning, manipulation, and preliminary analysis with Pandas and NumPy.
- Supported predictive model building, collaborated on business requirements, and contributed to data-driven solutions.

CodSoft

Python Programming Intern

02/2024 - 03/2024

- Actively contributed to the development and deployment of Python applications.
- Collaborated within cross-functional teams to enhance user experiences.

ETHNO Research Intern

Research Intern

- As a research intern at Ethno, I identified furniture makers nationwide, assessed production costs, and established direct sales channels, empowering artisans and optimizing profitability.
- Identified and connected with furniture makers across the country, expanding the network and market reach for Ethno.
- Assessed production costs to enhance financial efficiency and established direct sales channels, which empowered artisans and improved profitability.

Projects

Real-Time AQI Prediction Tool

- Gathered and cleaned large datasets from various sources, including meteorological data and pollutant concentrations, to create a comprehensive database for AQI prediction.
- Developed and fine-tuned machine learning models to predict the Air Quality Index, utilizing techniques such as regression analysis, time series forecasting, and feature selection to enhance model accuracy.
- Created interactive visualizations and dashboards to present AQI predictions, and deployed the model in a user-friendly application to provide real-time air quality forecasts and insights.

ACQUA Project

- This startup idea, developed during our college program RSG (READY SET GO), aims to provide purified water to travelers and trekkers, ensuring access to safe drinking water wherever they go. Through this initiative, we've learned invaluable skills in customer research planning, market sizing, and customer discovery, which apply beyond the program and contribute to practical knowledge in real-life scenarios.

WANDERLUST Project

- Proposing a solution for travelers in India facing challenges with food, accommodation, and hospitality, focusing on providing useful information about off-beat rural areas for Gen-Z customers. Conducted market research and user interviews to validate the existence of these challenges and refine our approach.

Skills

- Programming Languages – Java, C++, C, Python
- Python Libraries – NumPy, Pandas
- Scripting/styling - HTML, CSS
- Database – MySQL

Certification

- Python for everybody - Coursera
- Data Analysis with Python – Coursera

Extra-Curricular Activities

Coordinator of Entrepreneurship Club (E-Club)

As Coordinator of E-Club's marketing & publicity, I managed social media, significantly increasing reach. I have promoted Open Idea Pitching to attract diverse participants, ensuring a successful and engaging event while working as Lead of Online Marketing.

Lead Of Social Media Marketing(E-Club)

Led social media efforts for the Entrepreneurs Club during the August 2023 carnival and hackathon, achieving successful event promotion and engagement. Collaborated closely with teammates to maximize reach and ensure event success.

NCC Candidate

Securing my NCC 'A' certificate during school opened doors to transformative experiences. The NCC camp instilled in me a newfound sense of individuality and self-reliance. Through its challenges, I embraced independence, shedding dependency on others. The lessons learned continue to shape my journey, enriching me with skills and confidence.

NSS Camp and NSS Activities

During a rewarding week at the NSS camp at ZPHS School in Arilova, I taught basic math, English, and environmental studies to elementary students, enjoying playful interactions and forming lasting memories. Simultaneously, I led a team of five volunteers in cleaning a designated beach area, removing trash efficiently, and raising awareness through informational pamphlets and social media posts. This experience highlighted the joy of education, community, and environmental stewardship.