

Bonthu Lohitha

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EDUCATION

Bachelor of Technology (CS&BS), <i>Vishnu Institute of Technology, Bhimavaram.</i>	2022 – 2026 Bhimavaram
Intermediate Education, <i>Aditya Junior College, Amalapuram</i>	2020 – 2022 Amalapuram
SSC Board, <i>Nath Vidyanikethan, Amalapuram</i>	2019 – 2020 Amalapuram

SKILLS

Languages : Python, Java, C	Web Development : <i>Frontend :</i> HTML, CSS, Javascript, Tailwindcss, Bootstrap, Reactjs <i>Backend :</i> Nodejs, Expressjs, MongoDB, FireBase.
UI/UX Designing : Figma, Wireframing, Prototyping, Design Systems.	AI-ML Technologies : Pytorch, Scikit-learn, Deep Learning, NLP, Gen-AI.
Data Analytics : Data Visualization, SQL, Excel, Power BI, Tableau.	Cloud Computing & DevOps : AWS cloud, Docker, Kubernetes, Git, GitHub, Linux, CI/CD Pipelines.
Core Subjects : DSA, System Design, Basics of Cryptography & Network security	

CERTIFICATES

Python(Kaggle), Java(Letsupgarde), C(Great Learning), DSA(GeeksforGeeks), WebDevelopment(GeeksforGeeks), DataScience(GeeksforGeeks), Data Analyst(oneroadmap), DevOps(oneroadmap), Figma(Letsupgrade), GenAi(Guvi)

PROJECTS

Campus Connect <ul style="list-style-type: none">Developed a web platform connecting college students with freelancing opportunities, enabling clients to post tasks (e.g., video editing, data entry) and students to apply based on skills.Built a client selection system, integrated seamless payment functionality, and designed an intuitive interface for managing tasks, profiles, and transactions. Technologies used: Reactjs,nodejs, expressjs,firebase.	
PrepMaster <ul style="list-style-type: none">Developed a web platform to help students excel in placements through a structured approach, featuring a DSA roadmap and skill-building paths for Android, Web, and Cloud Development.Integrated progress tracking tools, curated placement resources (mock tests, interview tips), and built a collaborative community forum for peer discussions and mentorship. Technologies used: reactjs,tailwindcss,nodejs, expressjs,mongodb.	
Alumni Association Platform for Instituite <ul style="list-style-type: none">Developed a web application for the Alumni Association to enhance alumni engagement, featuring user-friendly interfaces with directories and networking hubs.Integrated job portals, donation modules, and seamless event registration for career opportunities, contributions, and alumni gatherings. Technologies used: reactjs, tailwindcss,nodejs,expressjs,mongodb.	
Face Emotion Detection Model <ul style="list-style-type: none">Built a machine learning model to detect emotions from facial expressions using CNNs.Trained the model on a labeled dataset of facial expressions, enabling it to classify emotions such as happiness, sadness, surprise, and anger. Technologies used: Python, TensorFlow, Keras, OpenCV.	
Chatbot Using Generative AI <ul style="list-style-type: none">Developed a GenAI-based chatbot that combines retrieval and generative techniques for context-aware, dynamic responses.Built a real-time, interactive interface to provide relevant answers for user queries. Technologies used: Python, Hugging Face Transformers, RAG, GPT.	

INTERNSHIPS

AI-ML, AWS(AICTE Eduskills)

01/2024 –

- Collaborated with peers to solve complex machine learning problems using AWS infrastructure.
- Enhanced knowledge of cloud-based machine learning workflows, including data processing, training, and deployment.

03/2024

Cloud Foundations, AWS(AICTE Eduskills)

04/2024 –

- Complete foundational training on core AWS cloud services, including compute, storage, networking, and security.
- Acquired skills in cloud concepts, AWS architecture, and services like EC2, S3, RDS, and IAM.

06/2024

Web Development (Eduskills Academy)

04/2025 –

- Complete foundational training on full stack web development using HTML, CSS, JavaScript, Tailwind CSS, and Git for version control and deployment.
- Gained hands-on experience with SQL and MongoDB for database integration and dynamic web application development.

06/2025

Accenture Data Analytics(Forge)

05/2025 –

- Analyzed 7 datasets to identify social media content trends and strategic insights
- Delivered findings via PowerPoint and video presentation to simulate client advisory

05/2025

Deloitte Data Analytics(Forge)

05/2025 –

- Completed a Deloitte job simulation involving data analysis and forensic technology
- Created a data dashboard using Tableau
- Used Excel to classify data and draw business conclusions

05/2025

HACKATHONS

- Participated in 24 hours Hack-a-Tron in Google Developer Students Club in the Implementation of the online Law Consultation System in 2023.
- Participated in Smart India Internal Level Hackathon (SIH) in the domain of Implementation of the Alumni Association Platform for a Institute in 2024.
- Participated in a hands-on Full-Stack Web Development workshop, gaining expertise in React.js, Node.js, Express.js, and MongoDB and Worked on real-world projects, implementing RESTful APIs, authentication, and responsive UI design.
- Participated in a college hackathon, contributing to the development of a platform focused on creating an intuitive platform to help users become more effective and confident communicators.

ACHIEVEMENTS

- Selected Top 35 teams - SIH 2024 Internal Hackathons.
- Served as Student Coordinator for the Institution's Innovation Council (IIC) - CS&BS Branch
- Solved 250+ problems in leetcode and 200+ problems in GeeksforGeeks and 250+ problems in Codechef.