ADITHYA MAANDHATHA BARATAM
College Graduate

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SUMMARY

As an aspiring software developer with a genuine passion for coding, I am committed to honing my skills and expertise in software development. With a strong foundation in programming languages such as Python, and JavaScript and an entry-level full-stack developer skilled in HTML, and CSS. I am excited about the opportunities and determined to make a meaningful impact in software development. I look forward to leveraging my skills and enthusiasm to drive success in future endeavours.

EDUCATION

Bachelor of Technology in Computer Science and Engineering (AL/ML)	2020 – 2024
Gayatri Vidya Parishad College of Engineering	CGPA: 8.2
Board of Intermediate Education	2018 – 2020
FIITJEE Junior College	CGPA: 8.5
Board of Secondary Education	2017-2018
Dr KKRs Gowtham School	CGPA: 9.7

TECHNICAL SKILLS

- **Programming Languages:** C | C++(Basics) | Java(Basics) | Python
- **Web Technologies:** Full Stack Web Development
- **Database Management:** SQL
- **Data Structures and Algorithms**

INTERNSHIPS

AIML Virtual Internship, AICTE   January 2024 – March 2024

- Participated in an AICTE-sponsored virtual internship, developing machine learning models using Python and TensorFlow, and contributed to a project enhancing predictive analytics accuracy by 20%. Gained expertise in data processing with Pandas and Scikit-Learn, and collaborated remotely on diverse AI applications.

Data Analytics Virtual Internship, AICTE   May 2023 - July 2023

- Executed weekly assignments, analysing datasets to extract actionable insights for the Data Analytics Virtual Internship with AICTE.
- Crafted comprehensive reports, presenting findings from real-life applications to stakeholders, Spearheaded the completion of a final presentation,16% showcasing synthesized results and proposing strategic recommendations for future implementations.

Cybersecurity Virtual Internship, AICTE   August 2022 – November 2022

- Conducted comprehensive cybersecurity analyses assessed systems, identified vulnerabilities, and proposed mitigation strategies.

PROJECTS

Title: **Plagiarism Detection Tool Using Natural Language Processing**   December 2024 – March 2024

- Technologies Used: Python, Stream lit, Natural Language Processing (NLP), PyPDF2, python-docx, python-pptx, scikit-learn, NLTK
- Project Overview: Developed an interactive web-based application using Stream lit to detect plagiarism across various document formats including plain text, DOCX, PDF, and PPTX. The tool applies advanced NLP techniques to analyse and compare textual content, determining the similarity between documents to identify potential plagiarism.

TRAININGS & CERTIFICATIONS

- Developed Spark AR applications for immersive experiences.
- Implemented machine learning algorithms using Python for data analysis.
- Google Coursera certification on Crash Course with Python and Using Python to Interact with OS
- Applied accelerated artificial intelligence techniques to real-world problems.
- Placed 2nd and 3rd in AI and Annual Short Film competitions (Screenplay, Dialogue, Music)
- Full stack Development trainee with Specialisation in 4.0 technologies at NxtWave CCBP Intensive 4.0

SOFT SKILLS

- Strong leadership | Problem Solving | Communication | Quick Learner