

PRATHUASHA KANDULA BINDHU

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EDUCATION

Sri Siddhartha Institute of Technology

Bachelor of Engineering | Computer Science and Engineering | CGPA - 9.47

Tumakuru, Karnataka

2020 – 2024

Vijaya PU College

XII Grade | PCMB | Percentage - 94%

Tumakuru, Karnataka

March 2020

Shree Basaveshwara Primary School

X Grade | CBSE | Percentage - 78.4%

Tumakuru, Karnataka

May 2018

TRAINING & INTERNSHIPS

Data Science Intern

DataMites | Data Science

Bengaluru, Karnataka

January, 2025 - Present

- Undergoing training to develop foundational knowledge in data science principles, including data analysis, statistical methods, ML techniques, and data visualization.
- Gaining hands-on experience with industry-standard tools and methodologies.

Web Development Intern

IBM Skillsbuild | Web Development

Remote

June, 2023 - August, 2023

- Trained on Front-End Web Development fundamentals.
- Contributed to develop a website termed as 'JobInternDesk' an innovative online job portal in collaboration with team - Desk-Interns. [CERTIFICATE]

DataTech Intern

MIT Square | Python

Remote

September, 2022 - October, 2022

- Trained in Python concepts and acquired hands-on experience working on Python projects. [CERTIFICATE]

TECHNICAL SKILLS

Programming Languages: C(DSA), Python(OOPS, DSA), Java(OOPS)

Web Development : HTML, CSS, JavaScript, Bootstrap

Web Frameworks : Streamlit, Flask, HuggingFace

DBMS : MySQL, MS Access, MongoDB

Data Visualization: MS Excel, MS Power BI, Tableau

Developer Tools: Git, Google Colab, VS Code, Kaggle, Jupyter Notebook, Pycharm

Libraries: pandas, NumPy, Matplotlib, Keras, PyTorch, Transformers, OpenCV, Scikit-learn, NLTK

PUBLICATIONS

1. Disha Bhargavi B. S., H. L. Srilaxmi, Neha Acharya, and Prathuasha K. B. **"Maldefender: A Comprehensive Malware Detection System Using Machine Learning and Real-Time Analysis,"** *Int. J. Eng. Manag. Humanit. (IJEMH)*, vol. 5, no. 4, pp. 12–15, Jul.-Aug. 2024. [LINK]

HONORS AND AWARDS

1. Scholar Award in Senior Secondary Education, Academic Years 2018-2019 (XI GRADE) and 2019-2020 (XII GRADE).
2. AICTE Pragati Scholarship – Merit-based scholarship awarded by the Government of India (2020-2024).
3. Honoree of Highest CGPA Award in CSE, Academic Years 2023 (BE-VI SEMESTER) and 2024 (BE-VIII SEMESTER).
4. Awarded Gold Medal for securing the highest academic distinction in CSE (Batch 2020–2024) awarded by SSAHE.
5. Thrive Learning Excellence Award (2024) – Recognized for academic excellence by Brainac Light Awards.

PROJECTS

- MALDEFENDER: A MALWARE DETECTION SYSTEM** | SSIT | MAJOR-PROJECT October 2023 – July 2024
- Developed a malware detection system to identify threats in files and URLs. Implemented machine learning techniques to analyze and classify potential malware. Successfully integrated and deployed the system for real-time detection and prevention.
- JOBINTERNDESK (Online Job Portal Website)** | IBM Skillsbuild | Internship Project June 2023 – July 2023
- JOBINTERNDESK is an innovative online job portal website, which provides a dynamic platform connecting job/internship seekers and employers seamlessly.
- DETECTION OF AUTISM SPECTRUM DISORDER(ASD)** | SSIT | MINI-PROJECT II March 2023 – July 2023
- Trained a ASD detecting model utilizing machine learning algorithms to analyze images and structured data for identifying ASD traits, enabling early diagnosis and intervention.
- AUTOMATIC SPEECH RECOGNITION USING DL** | SSIT | MINI-PROJECT I November 2022 – February 2023
- Developed a simple speech recognition system using Wav2Vec2.0 model by Facebook and Hugging Face model Hub that converts human speech into readable text.
- SHORT RANGE ULTRASONIC RADAR** | SSIT | HOBBY-PROJECT November 2021 – March 2022
- Designed a shortrange radar that could be helpful for object avoidance/ detection applications by using electromagnetic waves with the help of Arduino UNO and ultrasonic sensor.

CERTIFICATIONS

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|---|---------------|
| 1. AIML for Geodata Analysis [CERTIFICATE] | August 2024 |
| 2. Web Development Internship Plan [CERTIFICATE] | July 2023 |
| 3. Data Analytics and Reporting [CERTIFICATE] | May-July 2023 |
| 4. Foundations of Project management [CERTIFICATE] | May 2023 |
| 5. Complete Responsive Web Development 4 Courses in 1 [CERTIFICATE] | March 2023 |

LANGUAGE SKILLS

Telugu (Native Language) | **German** (A1) | **English** (B2) | **Kannada** (C2) | **Hindi** (B2)

REFERENCES

- Dr. Renukalatha S** [LOR]
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