S A Hruthika
senior Undergraduate
MTIET Palamaner

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EDUCATION

Degree	Specialization	Institute	Year	CPI
B.Tech	*Computer Science & Engineering*	MTIET Palamaner	2021-Present	88.22
HSC CBSE	*Physics, Chemistry, Mathematics & Biology*	JNV Chittoor	2021	86
SSC BSE-AP	-	Narayana E-Techno School in Palamaner	2019	10.0

WORK EXPERIENCE

- **Intern - Django backend developer** *[Mastersolis InfoTech]* *Ongoing*

  - **Coordinated in a team of 4** to design a client side project named Drive Thru

  - **T**he current college placement system is inefficient due to manual data handling. Drive Thru is a project to automate this process, enhancing transparency and efficiency. I am developing the backend with Django, enabling student progress tracking, placement history storage, and performance statistics, reducing administrative workload and ensuring data integrity.

- **Intern - Dynamic Landslide Susceptibility Mapping Project** *[Indian Institute of Information Technology, Sri City]* *Ongoing*

  - **C**onducted research to identify and analyze factors affecting landslide susceptibility, such as terrain characteristics, rainfall patterns, land use, and geological features. Collected and processed Digital Elevation Models (DEMs) from differnt sources.

  - **O**ngoing task is to develope algorithms using ML to extract factors from DEM's.

PROJECTS

- **Lesson Plan Report: Automation of CRT Project From paper to paperless** *Mar-May 2024*

  - Project Lead, Automation of CRT Project: Led a team to design a user-friendly, paperless CRT reporting system, streamlining processes and reducing workload. Managed backend development to ensure timely, high-quality delivery.

  - Coordinated with the HOD to align the system with organizational needs, significantly reducing reporting time and freeing up resources for other tasks.

- **CollegeBook** *Aug-Dec 2023*

  - CollegeBook is a student-centric platform integrating social media and academic tools, enabling seamless interaction within a college community. It features announcements, departments, submissions, syllabi, timetables, and mentor-mentee interactions. The front end, built with HTML, CSS, and JavaScript, supports posts, messaging, customization, and user-friendly design..

- **Type of skin disease detection using deep learning** *Feb-Apr 2024*

  - Built a **Deep Learning Model** for **Type of skin disease detection 98% accuracy** ∘

  - **Developed a fronend part** to create responsive webpage utilizing front-end technologies such as **HTML,CSS,JS**

STRENGTHS

- **Logical thinking**

- **Problem-Solving**

- **Team Working**

- **Effective Communication**

EXTRA-CURRICULAR ACHIEVEMENTS/ACTIVITIES

- Completed **5** NPTEL certification courses, including an **elite certification in Programming in Java.**

- **Anthariksha 2K22, KEC:** *3rd-Dec 2022*
  - Paper Presentation: First Prize (College Book)
  - Coding: Second Prize
  - Technical Quiz: Third Prize

- **TechnoFest 2K22, SVCET:** *22nd-Dec 2022*
  - Project Expo: First Prize (College Book)
  - Paper Presentation: Second Prize (College Book)

- **GMOCS-2K23, MITS:** *29th-Mar 2023*
  - Technical Quiz: First Prize

- **AURA-2K24, MITS:** *27th-Mar 2024*
  - Code Crafting: Second Prize

- **ACE TECHZION 2K24:** *23rd-Mar 2024*
  - Paper Presentation: First Prize
  - Coding Hackathon: First Prize

TECHNICAL SKILLS

- **Languages:** Python, Java, C
- **Web Development:** HTML, CSS, JavaScript
- **Framework:** Django
- **Databases:** SQL, Relational Database Concepts
- **Computer Science Fundamentals:** Object-Oriented Design, Data Structures, Algorithm Development, Problem-Solving, Complexity Analysis

PERSONAL DETAILS

- **Name:** S A Hruthika
- **DOB:** 25-08-2003
- **Nationality:** Indian
- **Gender:** Female
- **Languages known:** English,Telugu
- **Hobbies:** Speaking to Mom, Singing, Travelling