

Uday Damerla

As a tech-savvy Computer Science Engineering student at Kakatiya Institute of Technology and Science, I'm all about AI, ML and, IoT and fluent in Python, HTML, CSS, and JavaScript. With a passion for AI, ML, and Data Analytics, I've taken my skills to the next level through specialized courses. Ready to tackle any challenge that comes my way!



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EDUCATION

Secondary School Certificate

Sri Chaitanya High School, Hanamkonda

04/2018

9.2

Diploma, Mining and Mineral Engineering

Government Polytechnic College, Bellampally

06/2018 - 06/2021

9.14

Bachelor of Technology - BTech, Computer Science Engineering(IoT)

Kakatiya Institute of Technology and Science, Warangal

09/2021 - 06/2024

7.88

PERSONAL PROJECTS

Lang2Code (01/2023 - 04/2023)

- Lang2Code is an intelligent system that generates Python code snippets based on natural language queries. It aims to enhance productivity in data science projects by enabling users to concentrate on task logic rather than syntax. This employs code generation models and a code search engine that use machine learning and NLP algorithms to produce accurate and relevant code snippets.

DIGI YARD (04/2022 - 04/2022)

- DIGI YARD is a digital market yard platform that aims to connect farmers with millers, traders, and institutional buyers of farm products. Farmers can use the platform to post information about their outcrop as an advertisement, allowing buyers to browse through the available products and sort them according to their needs.

Tech- Traditional Cremation (03/2022 - 02/2022)

- This smart cremation platform helps in controlling the carbon emission from the cremation of a human body it also decreases the consumption of wood by half. By implementing this system, the annual emission of co2 by cremation in India can be drastically reduced by a minimum of 75%. whereas 8 million tons/year co2 is produced from cremation (as per the 2020 report).

ACHIEVEMENTS

AWS AI-ML Scholar (Scholarship)

AWS-Udacity

09/2022 - Present

The AWS AI & ML Scholarship program is a scholarship program that provides 2,000 scholarships annually to students Globally. The program offers Udacity **AI with Python Nano Degree**. I was also Selected to the Advanced cohort of AWS AI & ML Top 500 out of 2000 students. The program offers Udacity **Machine Learning Nano Degree** tailor made by AWS, also offers a mentorship program to help students succeed in their tech careers by AWS Employees.

SKILLS

Artificial Intelligence (AI)

Python Programming

Machine Learning

Internet of Things (IoT)

Cloud Computing

Data Analytics

Web Development

HTML

CSS

JavaScript

SQL

Networking

Cyber Security

Java

PUBLICATIONS

Tokenization in GPT Models: Overcoming Challenges for Non-English Languages (04/2023)

Journal: International Journal of Advanced Research in Science and Engineering

Predictive Analytics on Malware Detection and Intrusion Evaluations (03/2023)

Conference: International Conference on Innovation, Infrastructure, Equality and Economic Growth for Sustainable Development [IIIEESD-2023]

CERTIFICATES

Introduction to internet of things NPTEL (04/2022)

CISCO AICTE VIRTUAL INTERNSHIP PROGRAM (07/2022)

Cybersecurity Essentials (07/2022)

Programming Data Structures and Algorithms Using Python NPTEL (09/2022)

Python 3 programming (10/2022)

SQL(Intermediate) HackerRank (01/2023)

Artificial Intelligence Foundation Wipro (02/2023)

AI Programming with Python Nanodegree Udacity (02/2023)

KPMG Data Analytics Consulting Virtual Internship on Forage (02/2023)

Networking Essentials (07/2023)