




Sudeep Aryan Gaddameedi

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ABOUT ME

With overall experience of 2 years spanning Machine Learning, Generative AI, DevOps, and Data Engineering. I'm a tech enthusiast who enjoys tackling diverse challenges. My journey involves building Machine Learning models, and optimizing processes through DevOps. My reputation lies in adaptability, creative problem-solving, and an unwavering commitment to staying at the forefront of these ever-evolving domains. I'm poised to contribute effectively to dynamic teams and organizations, driven by a passion for continuous innovation.








LINKS

-  website
-  github
-  linkedin

AREAS OF INTEREST

- 1: Generative AI
- 2: DevOps
- 3: Data Science

CERTIFICATIONS

-  Machine Learning
-  Neural Networks and Deep Learning
-  Full Stack Web Development
-  AWS
-  Data structures and Algorithms
-  Google Professional Workspace Administrator
-  Texas Instruments

QUALIFICATION

Programming languages :

Python, JavaScript, C, C++

Cloud Platforms:

Microsoft Azure (Azure Databricks, ADLS Gen2, Azure Data Factory), AWS (EC2, EKS, S3, etc.)

DevOps Tools:

Docker, K8 services, Git, Prometheus, Jenkins, Ansible.

Artificial Intelligence:

Prompt Engineering, Lang Chain, Fine Tuning, NLP, Deep Learning Architectures.

Web Technologies :

REACT, Redux Toolkit, VueJS, RTKQuery, Polymer,HTML, CSS, NODEJS, C, .NET

Data Engineering:

Data Modeling, Database Design, Data Visualization (Power BI)

Database Management:

MongoDB, SQL Databases

PERSONAL DETAILS

Date of Birth : 25 November 2001

Language proficiency :

English, Telugu, Hindi,Tamil.

Hobbies : Reading nonfictional books, kabaddi, Volley Ball, Gym.

Contact Address : AF-107 R.T.P.P V.V.Reddy Nagar Yerraguntla(MDL) Kadapa(district) AndhraPradesh.

EXPERIENCE



Soliton Technologies - Project Engineer (Full-Time Employee)

Jun '23 - Present

- Currently developing a AI assistant chat bot for the Texas Instruments and Hardware Testing and developing chip modules for the existing GUI.
- Previously worked on role ML Engineer in Device Vision Project
- Trained in Machine Learning(Python) and DevOps.

Soliton Technologies - Internship

Jun '22 - May '23

- Developed skills on DevOps Tools(Docker, Kubernetes,CI/CD pipeline, Prometheus,AWS,Jenkins) and Full-Stack Development Front-End: React,Back-End:NodeJS.
- Completed SDLC projects like:-  **Weather Application** ,  **Timely**

Edureka - Full Stack Web Developer (Internship)


Jul '21 - Feb '22

- Tools or techniques learned: HTML, CSS, JavaScript, Node J.S, React, MongoDB,Bootstrap,Express.
- Outcome: Able to design a dynamic restaurant web page using front-end and back-end

PROJECTS

Texas Instruments - Battery Management System (Soliton)

Nov '23 - Present

- Working on Agile Methodology : Connecting with customer getting the requirements, Backlog refinement, Development, Testing Release.
- Completed the mandatory Training that should be done before joining the project. Worked on Polymer JS and completed SDLC project **S-Movies** 
- Currently Developing a graphical user interface (GUI) and working on Hardware Validation and chips testing given by **Texas Instruments**
- And also working on Generative AI chat bot assistant.(Due to the confidentiality of company operations, further details cannot be disclosed.)

Intel - Device Vision (Soliton)

Jan '23 - Nov'23

- Customer(**Intel**) asked to develop Data analyzing and Visualization tool for Validation Engineers.
- Front-End: React(Advanced Redux Tool kit-RTKQuery), Back-End: Python, Machine Learning: Regression, MLOPS and DevOps Tools, SQLAlchemy, flask.
- Tool that Visualization and Analyzing data which is given by Validation Engineer so that they can easily train any data and Predict the values which is beyond the range of his collected data. (Due to the confidentiality of company operations, further details cannot be disclosed.)

S-Cart (Soliton)

Jun '22 - Aug '23

- Designed a Clone version of Amazon.
- HTML, CSS, Bootstrap, JavaScript, React, Nodejs, MongoDB, Express, Heroku, Docker, Kubernites, Prometheus are the tools used in the project
- Created an e-commerce web page that incorporates all the concepts and skills I acquired during my internship.

PUBLICATIONS

CNN based Curved Path Detection and Obstacle Avoidance for Autonomous Rover

- Presented and Published the IEEE paper in 3rd International Conference hosted by PESGRE.
- Implementation of self driving rover using ML(Reinforcement learning) with Raspberry pi,which is able to detect and avoid obstacles in its path and also able to move in the given lane.
- Raspberry Pi 3b+,NVIDIA's CNN model, Ultra-sonic sensor,Pi camera,Servo motor,DC motors.

EDUCATION

Bachelor of Technology

Jul '19 - Jun '23

- University: Amrita Vishwa Vidyapeetham, Coimbatore.
- CGPA: 7.89

Higher Secondary Education

Apr '17 - Mar '19

- Institution: Sri Chaitanya Institutions, Vijayawada
- CGPA: 9.44/10