

Gyanavardhan Mamidiseti

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Education

Aditya college of engineering

B.Tech in Computer Science (IOT) | [Course Link](#)

Nov 2021 - June 2025(Expected)

GPA: 8.01/10

Udacity

Nano Degree | AI Programming with python | [Certificate](#)

Oct-2023 - Jan-2024

Experience

IBM Skills Build

Jun. 2023 - July. 2023

AI Learning Intern

Python ,Numpy ,Pandas ,Scikit Learn ,ML algorithms ,Git , GitHub

- Mastered Different kinds of Machine Learning models on Mental Fitness datasets and achieved precision models.

Hyperverge Academy

Aug. 2023 - Feb. 2024

Full Stack Developer Fellow

HTML, CSS, Javascript, MERN, Postman, Git, GitHub

- Acquired full stack development expertise via HVA's curriculum, encompassing essential technologies and frameworks.
- Engaged in a structured learning environment that included daily standups, mentorships, and reflective sessions, fostering a collaborative and growth-oriented community.

Projects

Full-Stack

Colabpro

MERN stack, Docker, Prometheus, Grafana, Socket.io, Material UI

- Engineered a collaborative platform for project sharing in a team of 6, increasing team productivity by 30%.
- Implemented frontend using React.js and Material UI, resulting in a 50% improvement in UI responsiveness.
- Created Docker Compose configurations for containerization, reducing deployment time by 40%.

Back-End

Job-search-Application

EJS, Tailwind, JavaScript, Git , Node.js, Express.js, MongoDB, Jest

- Established and launched a job search platform, resulting in a 40% increase in user engagement.
- Leveraged technologies including Node.js, Express.js, MongoDB, EJS, and Tailwind CSS for development.
- Streamlined recruitment workflows for both candidates and employers, leading to a 25% reduction in time-to-hire.

Machine Learning

Image-Classifer

Python ,Numpy ,Pandas ,Scikit Learn ,ML algorithms ,Pytorch

- Crafted an image classifier using PyTorch and VGG19 for flower classification, achieving an accuracy of 90%.
- Executed training and prediction scripts (train.py and predict.py),reducing model deployment time by 50%.
- Enhanced image recognition tasks, aiding botanists and researchers leading a 50% increase in research efficiency.

Achievements

- **Attended Amazon ML school 2023**
- **Participated in the Amazon AI-ML Scholarship Program in 2023**
- **Won CodeQuest 12.0-Mern Stack Developer Challenge by LetsUpgrade 2024**

Skills

Technical skills:

Languages : Python,Java,C,Javascript,SQL,R.

ML Tech Stack : Numpy,Pandas,scikit-learn,Pytorch,Matplotlib.

Web Tech Stack : Front-end Libraries,React.js,Node.js,Express.js,Mongodb,Jest

Tech Proficiency : Networking,Linux,Azure ,Docker,Kubernetes,Jenkins,Git.

Certifications:

- [Google Associate Cloud Engineer.](#)
- [Microsoft Azure Administrator.](#)
- [IT specialist Python.](#)