Deekshitula Sreeteja

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Academic Details

Year	Degree	Institute	CGPA/Marks(%)
2023	M.Tech Computer Science and Engineering(2 year)	IIT Hyderabad	8.33
2020	Bachelors of Technology	Vardhaman College of Engineering	9.3
2016	XII (Telangana state board)	Sri Chaitanya Junior College	96.8%
2014	X (Board of secondary education)	Little Scholars School	9.7

Skills

- **Programming Languages**: C/C++, Python
- **Front-End Technologies**: Javascript, HTML ,CSS

Scholastic Acheivements

- Certified Council of Europe Level B1 in **Cambridge English Entry Level** in ESOL International.
- Participated in Technical Paper Presentation in Computer Engineers Technical Association(CETA) at Vardhaman College.

Relevant Courses

- Foundations of Machine Learning
- Deep Learning
- Visual Computing
- Advanced Data Structures and Algorithms

Projects

DELIRIOUS-Federated Learning for Vehicular Coordination Use Cases
May 2022-July 2022
Designed a layered architecture consisting of Cloud, RSUs and vehicles that support caching of information being exchanged between vehicles & cloud via RSUs. Generated dataset of requests coming from vehicles for information exchange with the RSUs, trained a Linear Regression model on the same and deployed for making request predictions to optimise the cache replacement policy.

Multi Weather City : Adverse Weather Stacking for Autonomous Vehicles
Feb 2022-May 2022
Constructed 7 diverse weather conditions for autonomous vehicles from a single dataset, using synthetic adverse weather generation and weather appearance style transfer approach, based on the GAN and CycleGAN architectures.

Auto Scaling Workloads based on Resource Usage
May 2020-July 2020
Contributed in the development of a solution that aims to handle sudden spikes in the cloud traffic by providing an application agnostic way of scaling workloads based on configured metrics using Kubernetes and Prometheus.

Binder-File Classification
Sept 2019-Nov 2019
Worked as a Backend Developer in developing an application which deals with local file system directories and classifies them into respective folders, which makes user task of accessing files easy.

Intern

Cyber Security (Vulnerability Assessment and Penetration Testing on Web Applications) - Spyry Technologies
May 2018 -June 2018
This internship programme gave an overview on five stages of hacking and the tools to find vulnerabilities in the sites.

Work Experience

Associate Trainee Engineer
Feb 2021-Aug 2021
Tata Consultancy Services

Miscellaneous

- Participated in Esummit -2018 held at Vardhaman College .