

Sudheer Kumar Ch

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CAREER OBJECTIVE

An enthusiastic student and person eagerly waiting to contribute to team and organization success through commitment, attention to detail, collaboration, hard work, and dedication to implementing a growth mindset. I had a clear understanding of responsibilities and priorities. I was aiming to excel in the tech industry.

EDUCATION

Bachelor of Technology in Information Technology	2021-25
GMR Institute of Technology, Rajam	CGPA: 9.45
Board of Intermediate Education	2019-21
Oxford Junior College, Andhra Pradesh	Marks: 984
Board of Secondary Education	2018-19
Oxford School, Andhra Pradesh	CGPA: 10

SKILLS

- **Technical Skills:** Machine Learning, Deep Learning, MERN stack, Python, Java, HTML, CSS, Metasploit Framework
- **Soft Skills:** Teamwork, Problem-solving, Time Management, Creativity, Communication
- **Field of Interest:** Data Science, Web Development, Artificial Intelligence, Augmented Reality and Virtual Reality, Generative AI, Large Language Models
- **Hobbies:** Coding, Cooking, Playing Outdoor Games, Browsing Internet

PROJECTS

A Web Application Based Mock Interview Through NLP Techniques

- I developed a mock interview web application where users can log in, upload resumes, and receive questions based on extracted keywords. Fine-tuned models generate questions in speech form, and users respond by speaking. Answer evaluation is done by integrating OpenAI-generated correct answers, using cosine similarity and BERT score with an adjustable similarity threshold.
- **Technologies used:** Reactjs, Expressjs, Nodejs, Mongo db, Tensorflow, Python, Deep learning, NLP.

Calorie Expenditure Calculator using ML

- I developed a calculator using an Artificial Neural Network, gaining deep knowledge of hyper-parameter tuning, layers, activation functions, and model evaluation. I also created a MERN stack application to track records, integrating MERN stack with machine learning.
- **Technologies used:** Reactjs, Expressjs, nodejs, Mongo db, Artificial Neural Network, Machine Learning, Tensorflow

Image to Caption Generator by LSTM and Xception

- The Image Caption Generator uses the Xception model for feature extraction and an LSTM network for sentence generation, automatically producing accurate captions based on image content.
- **Technologies used:** Tensorflow, Xception, LSTM

INTERNSHIP

ASP. Net Developer Intern – Schemaxtech, Visakhapatnam

July 2023 – Aug 2023

- ASP.NET Web Forms is a framework for building dynamic web applications using the .NET platform. It allows developers to create rich, data-driven websites with reusable components and event-driven programming. During my internship, I gained hands-on experience with ASP.NET Web Forms, developing interactive web pages.

CERTIFICATIONS

- Python for Data Science in NPTEL
- Machine Learning with Python in EDX.
- Web development using MERN stack in Udemy.
- Programming in Python in Coursera.

ACHIEVEMENTS

- Secured 2nd place for SPAN (Switched Port Analyzer) in the Machine category at Stepcone GMRIT.
- Demonstrated strong problem-solving skills by solving 300 problems on LeetCode