

Sai Teja Mamidala

Ph No.: +1 (757)-227-0924
E-mail: smami002@odu.edu

CAREER OBJECTIVE

To obtain a career in the field of Computer Science where I can strengthen my knowledge and skills for the development of both the company and myself.

EDUCATION

Masters of Computer Science Old Dominion University 3.85 GPA	2023(AUG)-Present
Bachelor of Technology(Computer Science) Siksha 'O'Anusandhan 80.19% aggregate	2019-2023
12 th Science Gyanavapi Junior College 71.8% aggregate	2019
10th (CBSE) Delhi Public School 70.8% aggregate	2017

TECHNICAL SKILLS

1. Java, C
2. HTML, CSS, JavaScript, SQL
3. Excel, PowerPoint, Word

INTERNSHIP EXPERIENCE

Intern, Highradius India, Odisha

Jan 2022 – Apr 2022

- Machine Learning Model to predict the payment date of an invoice when it gets created in the system.
- Gained insight to the Software development as sit-in phone team observer.
- A Receivables Dashboard to visualize data in the form of grids.
- Attended in-service training classes. Prepared documents needed to implement plans.
- Understood functional overview of daily development activities

PROJECTS

1. Load Compression Libraries at Run-Time. [AUG 2021 – NOV 2021]
 - This project aims to remove the compile time dependencies on compression libraries and defer them to run time.
 - Right now the MariaDB server needs all supported libraries to be present during startup. Developed an API. Technologies in use: GIT Bash or Windows command prompt, Open API to ConnectServer: Any open source Storage Engine
2. Ambient Stair Case light using IOT. [AUG 2022 – DEC 2022]
 - It uses a motion sensor to detect when someone is walking on the stairs.
 - The circuit works on two conditions - one is presence of light in its location and second is presence of human being, only when these two conditions are met, the controller turns the backup light ON.
 - These two conditions are tested by two sensors one is LDR and other is PIR Motion sensor module. The LDR senses the presence of light and Motion sensor detects the presence of a human being in its range.

- Whenever a human present in the sensing region of module, the sensor picks up IR changes as human body emits IR rays, so now these changes of IR picked up by module are filtered by electronics in the module and as of signaling the changes in IR, A pulse is generated by the module. This pulse is of duration 5sec by default.

3. Responsive Blog Website. [DEC 2022 – JAN 2023]

- A responsive website where users can add new blogs, edit it and view other published blogs on the platform.
- It also contains an admin area from where he/she can check latest site updates and keep maintenance mode. While adding new blog the admin has to provide a title, select category, insert tags, content, photos, date, author, and select status as a draft or publish

4. Stock Price Prediction. [FEB 2023 – April 2023]

- Developed and implemented a stock price prediction model using AI and ML techniques, resulting in accurate forecasts of future stock prices.
- Utilized a diverse dataset of historical stock prices, trading volumes, and financial indicators to train and evaluate the model, employing preprocessing techniques such as data cleaning.
- Achieved significant improvements in prediction accuracy by applying advanced ML and AI algorithms including LSTM, ARMA and employing cross-validation and hyperparameter tuning for robust performance.

EXPERIENCE

- In the first semester of my master's program, I gained customer service skills while working at Steak and Shake on campus.
- During my undergraduate years, I served as a library administrator, overseeing computer lab operations, assisting students with tool usage, and guiding them to relevant books.
- As the leader of the Poseidon racing club, I managed team progress, provided support on software tools, and coordinated effectively with both our professor and fellow peers throughout various projects.

CERTIFICATION

- Was an active participant in the Let's GrowMore Virtual Internship Program in Web Development.
- Attended workshop on "Industrial Safety" organized by National Productivity Council.
- Java certification from MyCaptain.

SOFT SKILLS

- Tractable
- Time Management
- Reliable team member

Languages Known

- English
- Hindi
- Telugu
- Odia