**[Soma Harshitha](https://linktr.ee/asthavarshney)**

Email: [somaharshitha14@gmail.com](mailto:somaharshitha14@gmail.com) LinkedIn:[www.linkedin.com/in/harshithasoma](http://www.linkedin.com/in/harshithasoma) GitHub: <https://github.com/SomaHarshitha/MY_PROJECTS> Mobile: +91-8985988393

**Education**

* **Jawaharlal Nehru Technological University** Anantapur, India

*Bachelor of Technology- Computer Science & Engineering; CGPA: 8.6 2021 - Present*

* **Board of Intermediate Education** Andhra Pradesh, India

*12th Grade (97.80%) 2019 - 2021*

* **Board of Secondary Education** Andhra Pradesh, India

*10th Grade (98.00%) 2019*

# Experience

* **Amazon** Bangalore, India

***Support Engineer Intern*** *May 2023- July 2023*

◦ **EMR Cluster Kernel Management**: To Update the Outdated operating system in Corresponding EMR Cluster and Create new Cluster with latest jobs. Cloud Analyse the metrics that are present on EMR Cluster. Carnaval Alarm to create email notification and ticket notification for the corresponding metrics

◦ **Audi Data Monitoring**: Create new metrics and update the ticket notification and alarms for the metrics, Tested the newly created metrics in Production – Beta Testing

◦ **Deprecated Pipelines**: The Workflow of the pipeline is failed due to version set failure, Updated the gardion Knot and required Dependencies of the pipeline, checked the overall workflow

* **.tensions** Remote

***Artificial Intelligence Intern*** *Feb 2024-Present*

◦ **Email Extractor Browser Extension:** Developed a robust and efficient tool that automates the extraction of emails from web pages and web apps. The extension stream lines the networking capabilities.

◦ **AutoFill Browser Extension**: Developed an extension for automating the filling of job applications online, targeted towards the Indian Audience

# Skills Summary

* **Languages & Frameworks**: Python, DSA, C++, SQL, Java, HTML, CSS, JS, Bootstrap API’s, Python Libraries- Scikit Learn, Keras, TensorFlow, OpenCV
* **Tools:** Git, VS Code, IntelliJ IDEA, Slack Microsoft Office Suite
* **Technologies:** Machine Learning (Advanced), Deep Learning, Natural Language Processing, Computer Vision, Data Visualization
* **Technical:** Operating Systems, Computer Organization, DBMS, Compiler Design
* **Coding Profile:** 3 Star Hacker rank (Python),150+ Coding ninjas (C++), 100+ Leet Code (C++)

# Projects

* **Email Extractor Browser Extension (Real-time developed from scratch):** Simply the process of collecting information from job postings and Web pages for direct outreach, to develop a robust and efficient tool that automates the extraction with Functionality – Extracts emails from the web page, Copy, Clear List, Batch Processing, Filter Emails, History of the Extension. The extension streamlines the recruitment process and enhance networking capabilities. **Tech Stack:** HTML, CSS, Java Script, Chrome API’s, OAuth, DSA, URL parsing Library
* **Telecom Churn Project – Developed & Deployed**: It is a Machine Learning Project. Is used to predict whether any given customer will switch to a different service provider or not, Here the target “1” means that the customer has churned and “0” means the customer has not churned. Project is deployed into the user interface using Stream Lit Library. **Tech Stack:** Python Libraries- NumPy, Pandas, Scikit Learn, Google Colab, Algorithms- Support Vector Machine, Decision Tree, Linear Discriminant, Random Forest
* **Face Mask Detection**: It is Deep Learning project using OpenCV. In a world adapting to new norms, this project showcases how artificial intelligence can play a pivotal role in ensuring public safety by accurately detecting the presence or absence of face masks in real-time images. **Tech Stack**: Python libraries-Keras, TensorFlow, Neural Networks-CNN, RNN
* **Mushroom Classification:** Mushroom Classification is a Machine Learning project. Objective of this project is to classify if a mushroom is edible(e) or poisonous(p) by its specifications like cap shape, cap Color, gill color, etc. **Tech stack:** Python libraries, Algorithms- Ridge Classifier, Passive Aggressive Classifier, SGD Classifier
* **Expense Tracker:** The project aims to make help keep a track of money inflow and outflow. Using a daily expense manager can help them keep track of how much they spend every day and on what. Using an expense tracker is one of the best ways to get their expenses under control and bring some semblance of order to their finances. **Tech Stack:** HTML, CSS, JS

# Positions of Responsibility

* **.tensions** | **AI Product Developer**
* Implement **Agile Methodology** to manage the ideation, design and development of browser Extensions to provide a streamlined process to enhance the Indian Job Search (PRE-MVP stage)
* Lead Daily scrum meetings and bi weekly retrospectives, increasing team productivity and identifying areas of improvement

# Certifications

* C programming – Cisco Networking, 2022
* Python Programming – Cisco Networking,2022
* C++ Essentials – Cisco Networking, 2022
* Artificial Intelligence Virtual Internship – IBM SkillsBuild,2022
* Java Certified – Nav Gurukul,2023
* AI for Everyone – IBM Skills Build, 2022
* Python for Data Science, AI & Development – Coursera,2023
* Machine Learning Specialization - Coursera, 2023
* Deep Learning Specialization - Coursera,2023

# Achievements & Extra Curricular Activities

* B. Tech MERIT Scholarship – Foundation For Excellence ,2021
* Amazon Future Engineer Scholar – Attained 40,000 INR Every Year
* Participated in Hackathon and Quiz in technical Fest
* Team Lead in PPT Presentation at College Level Symposium
* Mentee under a Data Scientist from HP Company