

NARRA VARSHA

9985135373 | narravarsha1@gmail.com | [LinkedIn](#) | [Portifolio](#) | [Github](#)

RELEVANT COURSE WORK

Python, Java, Object-oriented programming/design, Relational and Non-Relational databases, Data Structures and Algorithms, Operating Systems, Computer Networks, Web Technologies and Artificial Intelligence and Machine Learning.

TECHNICAL SKILLS

- | | |
|----------------------------|---|
| Programming: | ▪ Python ▪ Java ▪ JavaScript ▪ C |
| Web & Database: | ▪ HTML ▪ CSS ▪ Bootstrap ▪ ES6+ ▪ MongoDB ▪ Express.js ▪ React.js ▪ Node.js ▪ SQL |
| AIML Tools: | ▪ Pandas ▪ NumPy ▪ Scikit-learn ▪ Matplotlib ▪ Keras ▪ Tensorflow ▪ NLTK ▪ Dialogflow |
| Tech & Others: | ▪ Git ▪ VScode ▪ Eclipse ▪ Postman ▪ MongoDB Compass ▪ DevOps |

EXPERIENCE

Internship | Defense Research & Development Organization (May'23)

- ◆ Developed a SIEM tool using Python and MERN stack, which manages UDP logs from various devices
- ◆ Implemented a log parsing algorithm to extract relevant information from logs
- ◆ Created a syslog server to receive and dump parsed logs into MongoDB
- ◆ Developed a fully responsive GUI that retrieves and displays logs based on custom filters.

PROJECTS

Amazon Fake Product Detection | AIML, Web Development

- ◆ Developed a fake product detection system for Amazon products using python & MERN stack.
- ◆ Implemented four services for analysis: description analysis, logo analysis, review analysis, price analysis
- ◆ Utilized weighted scoring algorithm to generate a percentage value for likelihood of a product being fake.
- ◆ Created a user-friendly website that performs web scraping on provided Amazon product link

Photobook Management Application | Web Development

- ◆ Designed and developed a photo book management application using the MERN stack.
- ◆ Implemented user authorization and authentication using JSON Web Tokens .
- ◆ Optimized photo storage in MongoDB by utilizing base64 encoding, improving retrieval and rendering efficiency.
- ◆ Implemented filtering system that enables users to search photos based on date, time, location.

CERTIFICATIONS

- | | |
|--|-----------|
| ◆ Microsoft Certified: Azure AI Fundamentals | Microsoft |
| ◆ Programming in Java | NPTEL |
| ◆ Full Stack Web Development | LinkedIn |

EDUCATION

- | | |
|---|-------------|
| ◆ Bachelor of Engineering (B.E), Computer Science | 2020-2024 |
| ◆ Matrusri Engineering College, Osmania University Affiliated | CGPA:7.9/10 |