Srinath Abburi

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EDUCATION

GITAM UNIVERSITY

Computer Science And Engineering
2021 - 2025
Rushikonda, Visakhapatnam
Sem. GPA: 8.0 / 10.0
CGPA: 6.91 / 10.0
Percentage = 65.64%

UNDERGRADUATE

Data Structures and Algorithms
Database Management Systems (DBMS)
Object-Oriented Programming (OOP)
Python
Software Engineering
Cloud Computing

TECHNICAL SKILLS

PROGRAMMING

Python •C •OOP (Python)
MySQL •HTML •CSS
Machine learning and Algorithms
Gen AI(learning)

TOOLS AND TECHNOLOGIES

ML LIBRARIES

TensorFlow •Keras •Scikit-learn
Pandas •NumPy •Seaborn•Matplotlib

OTHER TOOLS

Nmap•Google Dorking •Threat modelling
SonarQube •OWASP and ZAP
AWS(basic)

SOFT SKILLS

Problem-Solving • Critical Thinking
Collaboration Teamwork
Communication Skills

LINKS

LinkedIn:// **abburi-srinath-59a505281**
Github:// **srinathabburi09**
Leetcode// **abburisrinath**
Kaggle// **abburisrinath**

EXPERIENCE

INTERN | PHOENIX GLOBAL | Internship in Cybersecurity

May 2024 – June 2024 | Phoenix Global, Hitech City, Hyderabad

- Developed a modular Python-based security tool that integrates Google Dorking and Nmap scanning to automate the discovery and analysis of potentially vulnerable domains
- Designed the tool with a microservice-style approach, enabling flexible deployment and component reuse.
- Optimized search queries and scan configurations to increase detection accuracy and reduce manual effort by 60
- Explored potential integration of log outputs with cloud-based monitoring tools.

TECHNICAL PROJECTS

AI-POWERED HEALTHCARE DOCUMENT PROCESSING SYSTEM (BACKEND)

TECH STACK :
Python, FastAPI, OpenAI GPT-3.5,Google Gemini Pro, PyMuPDF, Uvicorn, JSON, REST API

- Developed a modular FastAPI application with an endpoint (/process-claim) to process uploaded PDF documents.
- Used LLM APIs (OpenAI Gemini) to intelligently classify document types and extract structured data in strict JSON formats.
- Implemented a text extraction pipeline using PyMuPDF to convert PDF pages into clean text for downstream AI processing
- Created specialized AI agents (BillAgent, DischargeAgent, IdAgent) to handle different document types with tailored prompts and parsing logic.
- Achieved 90–95% accuracy in structured extraction across real hospital bills and medical records.

AMAZON PRODUCT WEB SCRAPER

TECH STACK :
Python, Selenium, BeautifulSoup, Pandas, CSV, Jupyter Notebook

- Built a dynamic web scraping tool to extract product details from Amazon's search result pages for analysis and trend tracking.
- Used Selenium WebDriver to interact with dynamic elements and handle pagination.
- Extracted product title, price, rating, review count, and availability using BeautifulSoup.
- Cleaned and stored structured data in CSV format using Pandas.
- Designed the scraper to be modular, resilient to missing fields, and easily customizable for different keywords or categories

CERTIFICATIONS

- Introduction to Machine Learning: Art of the Possible (AWS) – Aug 2024
- Worqhat AI Workshop – Achieved certification for participation in an Artificial Intelligence upskilling session.