TARUN REDDY GURIJALA

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EDUCATION

University of Texas at Arlington | Master's in Computer Science | GPA: 3.34   Aug 2023 – May 2025

Vellore Institute of Technology, Andhra Pradesh | Bachelor's in Computer Science | GPA: 8.6   Aug 2018 - May 2022

PROFESSIONAL EXPERIENCE

OPTUM, UNITEDHEALTH GROUP, INDIA | SYSTEMS ANALYST | Industry: Technology   Jan 2021 – Jul 2021

Managed user role balance using Agile methodologies to enhance system efficiency.
Contributed to Angular web development, integrating automated scripts to improve website functionality.
Assisted in database management and optimization with Microsoft SQL Server.
Collaborated with cross-functional teams to ensure seamless system performance and user experience.
Provided analytical support for system enhancements and troubleshooting.

PROJECTS

DEVICE SECURITY USING DEEPFACE, UTA | Individual Project
- Implemented face recognition model with **TENSORFLOW**, **Facebook's DEEPFACE** model, and **OpenCV** which emails an error message and powers off the system if an unknown face is detected

SECURE ELECTRONIC VOTING MACHINE, VIT | Final Year Project
- Created fingerprint authentication and security for a custom-made electronic voting machine using **ARDUINO** board programmed with **C** language, excels in allowing an end-user to only cast their vote once and rejects any other duplicate votes. Votes can be monitored real-time using an application made in **ANDROID STUDIO** using **JAVA** and **FIREBASE.**

HEALTH AND FITNESS APPLICATION, UTA | Individual Project
- Implemented in **SPRING BOOT, SPRING MVC and SPRING DATA JPA.** This application helps end-users track their workout goals, weight and monitor their progress. This application can be integrated with devices like Fitbit, Apple Watch, Google Fit etc.

ONLINE LUNG CANCER SURVEY, UTA | Individual Project
- This project displays a webpage with questions related to the end-user's health, programmed in **HTML, CSS, JAVASCRIPT** and converts the received data to a JSON format. The script then executes a **PYTHON** script in the localhost and displays in the webpage, how likely is a person to get/have lung cancer using the given information.

CERTIFICATIONS

Amazon Web Services (AWS) Certified Associate Developer
Microsoft Certified Azure Fundamentals
OCAJP-8 - Oracle Certified Associate Java SE8 Programmer
PCAP - Python Certified Associate Programmer (Python Institute/OpenEDG)
IT AUTOMATION WITH PYTHON - Google Certified Certification on Coursera

SKILLS

- **Development Languages:** C, C++, Java, Python, Perl, Ruby
- **Database:** MySQL, SQL Server, Oracle
- **Web Technologies:** React, JavaScript, HTML, CSS, Bootstrap, Chakra UI, PHP
- **Spoken Languages:** English, Hindi, Telugu