

DEVIREDDY AKHIL REDDY

Arlington, Texas · akhil889764@gmail.com · 9408429380 · <https://www.linkedin.com/in/akhil-devireddy-914795294/>

Education

University of Texas at Arlington	Arlington, Texas
Master of Science Computer Science	August 2022 - Present
CGPA	3.9/4

Skills

Cloud Based Technologies:	Webmethods (Softwareag), Amazon WebServices,
Web Development Framework:	Django, Laravel, Angular, React.
Programming Languages:	C, C++, JAVA, PYTHON, R.
Web Technologies:	HTML, PHP, JavaScript, CSS, Node.js.
Other Technologies:	Machine Learning, DBMS, Deep Learning, Cybersecurity, Hadoop

Course and Certifications

- Software AG Certified webMethods Integration Associate Jan 2022
- Software AG Certified webMethods API Management Associate Jan 2022
- DevNet Associate July 2021
- Cybersecurity Essentials April 2021
- AWS Academy Cloud Foundations Aug 2021

Experience

Keyologic	Remote
Intern Objective: Provide secure access to user documents and assets online.	Jan 2022 - June 2022
<ul style="list-style-type: none">• Full stack developer role, Utilized Angular for front-end development.• Employed Django framework for API creation, Hosted services on AWS.• Implemented AWS database for data storage.• Implemented security measures including Java Web Tokens and other encryption Standards.	

Projects

- Counselling Using Speech Emotion Recognition
Abstract: The project Emotion Monitoring and Counselling System is a project that utilizes machine learning algorithms to analyze human emotions based on voice modulation and provides tailored counselling based on individual needs. The system incorporates predefined classifiers to accurately classify different emotions from speech data.
Technologies Used: Machine Learning, Deep Learning, Web Development framework in python.
GitHub: <https://github.com/Akhil188/counselling-chatbot-SER-.git>
- Bidrides
Abstract: The Online Bid Rides application is a web-based platform that utilizes Angular and React for the front-end, Oracle Database for data storage, and Django API for seamless communication and data exchange. The application aims to revolutionize the ride-sharing industry by introducing a unique bidding system that allows passengers to find the most cost-effective and convenient rides, while empowering drivers to optimize their earnings.
Technologies Used: Angular, Web Development framework in python, AWS cloud.
GitHub: <https://github.com/Akhil188/Bidrides.git>
- Chatbot For Government Schemes:
Abstract: This project focuses on developing an AI-enabled chatbot that serves as a user-friendly and interactive platform to provide information and assistance regarding government schemes to all citizens. By leveraging optimal deep learning models and integrating technologies such as Google Speech Recognition API, Language Translation, Language

Detection frameworks, and Functioning Mobile API, the chatbot aims to enhance accessibility, understanding, and utilization of various government schemes.

Technologies Used: Machine Learning, Deep Learning, Web Development framework in python.

GitHub: <https://github.com/Akhil188/gov-chatbot.git>

- Inventory Management System Integration

Abstract: Develop an Inventory Management System Integration using SoftwareAG webMethods, focusing on facilitating real-time data synchronization between an online store and a backend inventory management system. This project entails designing and implementing RESTful APIs for seamless communication, ensuring accurate and timely updates of product details, stock levels, and prices. Responsibilities include participating in requirements analysis, designing and developing webMethods services and flows, implementing error handling mechanisms, conducting unit testing, collaborating with team members for deployment, and documenting the solution comprehensively. This project will demonstrate proficiency in webMethods development, including API integration, data synchronization, error handling, and documentation skills, essential for roles in integration development.

Technologies/Tools: SoftwareAG webMethods (version 10.15), API Gateway Integration Server, Designer, Deployer, JDBC Adapters