Boddu Jugal Bhaskar Naga Ganesh

Jugal-JG Jugal Ganesh jugalganeshboddu@gmail.com +1 (352) 256 7337

TECHNICAL SKILLS

Languages: C, Java, Python, SQL, HTML, CSS, XML
Tools/Platforms: Figma, Maya, Android studio, Unity, Tinkercad, AutoCad, Openvas, Arduino, Docker
Familiar: Kotlin, C#, Assembly

PROJECTS

DOC PLAY
- Developed an application enabling users to upload and **chat with one or more documents**.
- **Implemented a Conversational Memory chain** allowing users to query previous interactions.
- Technology Used: **NLP | Python**

BML SALON
- **Designed an appointment system** with 100% **Firebase integration** for streamlined data handling and a user-friendly interface.
- Technology Used: **Java | XML | Firebase**

AR SHOOT
- This augmented reality game enables players to **shoot 3 different rows of moving targets.**
- Technology Used: **AR Tool Kit | Unity**

LANE ASSIST
- Constructed two models, one using an **encoder and decoder structure** of Deep Learning and the other with Computer Vision techniques.
- Technology Used: **Python**

REACH
- Reach is an **AI-based object detection system** that detects daily items using YOLOv8; Streamlit for a user-friendly interface.
- Developed using a locally prepared dataset; integrated **human face blur** in camera feeds for enhanced privacy
- Technology Used: **Neural Networks | Docker | Transfer Learning**

DATABASE FOR CIVIL COMPANY
- Drafted and created a **comprehensive real-time database** for the company.
- Technology Used:**MySQL**

EXPERIENCE

QUIN DESIGN | *ANDROID DEVELOPER INTERN*   May 2022 - Aug 2022
- Engaged as an **Android Developer intern** at Quin Design, immersed in the development of real-world applications.
- Received Android Studio training. Subsequently, accessed the code for three apps that company is developing. My task entails coding the app and rectifying any bugs.
- Gained expertise in **Android Studio**, **XML**, and **JAVA** for Android App Development.

MOVIDU | *DATA ANALYST*   Feb 2024 - Aug 2024
- Developed, examined, and analyzed a number of flood prediction algorithms in order to get insight into different places and the patterns of rainfall in those areas.
- Created PowerBi dashboards.

ACHIEVEMENTS

- Served as a **Club Head** for **BMU ROBOTICS CLUB**

EDUCATION

University of Florida   2024 - Present
Master's in Artificial Intelligence

BML Munjal University   2020 - 2024
Bachelor's in computer science - Data Science and Artificial Intelligence   *Cum. GPA: 8.04 / 10.0*