# Yaswanth Varma Sagiraju

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Dedicated application developer with a proven ability to simplify complex projects and deliver user-friendly solutions. Experienced in designing and developing mobile applications with expertise in multiple APIs, third-party integrations, and cross-functional collaboration. Committed to exceeding client expectations and driving project success.

## EDUCATION

**Indiana University – Purdue University**, Indianapolis, IN, USA                                   August 2023
**Luddy School Of Informatics, Computing and Engineering**
Master Of Science in Applied Data Science  GPA 3.95/4.00

**Jawaharlal Nehru Technological University,** Hyderabad, INDIA                     August 2019 – March 2023
Bachelor Of Technology in Computer Science And Technology  GPA 3.20/4.00

## WORK EXPERIENCE & INTERNSHIPS

**INDIANA UNIVERSITY INDIANAPOLIS (*Application Developer*)**                     August 2023 – Current
- Developed the Health Freedom application for NHI, which tracked user health activities and increased user engagement by 30%.
- Utilized Flutter for the frontend, Spring Boot for the backend, and Postman for API testing, resulting in a 40% improvement in data accuracy.
- Led the project, contributing 60% toward the successful completion of the first phase, significantly enhancing project deliverables.

**XLENZ INC USA (*Application Developer*)**                                      November 2021 – June 2022
- **Engineered** the XLENZ App, an AR-based educational application, resulting in a 25% increase in user downloads.
- **Implemented** deep linking, local storage, API integration, and dynamic links with Firebase, enhancing app functionality by 35%.
- **Collaborated** with cross-functional teams to optimize UI development, improving user satisfaction by 20%.

**PROFCESS (*UI/UX Designer*)**                                                 June 2021 – August 2021
As a UI/UX designer, I have had the privilege of working on diverse projects, collaborating with cross-functional teams, and creating intuitive and visually appealing user interface than enhance the overall user experience. I bring a deep understanding of user-centered design principles, strong problem-solving skills, and a passion for creating seamless digital experiences.

## PROJECTS

**Personality Prediction Using NLP (Flutter and Python)**
- **Developed** a system to predict personality using a questionnaire based on Myers-Briggs Personality Types (MBTI), improving prediction accuracy by 20%.

**News Application Using Flutter**
- **Created** a cross-platform news application for iOS and Android using Flutter, achieving a 15% increase in user engagement.
- **Integrated** Google NewsAPI.org to provide updates across various countries and languages, expanding app reach by 25%.

## PUBLICATIONS

**Augmented Reality in Indoor Navigation**                                              **(**IJSREM JOURNAL)

**Published** a research paper in IJSREM Journal based on a major project, contributing to the academic community's understanding of AR in indoor navigation.

## CERTIFICATIONS & ACHIEVEMENTS

**Python For Data Science And Machine Learning**                                      Mar 2022 – Sep 2022
Udemy, Online

**Organized** a hackathon at HITAM for the academic year 2021-2022, attracting over 100 participants and fostering innovation.

## SKILLS

**Python | R | C/C++ | Java | Javascript | PHP | Mysql | | Pyspark | Tableau | Dart | HTML | CSS | Flutter | Spring boot | Figma | Adobe XD**