

SESURAJA T

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SUMMARY

Aspiring Software Developer with a strong foundation as a Software Engineer and Full Stack Developer, skilled in designing and deploying web applications. Proficient in HTML, CSS, JavaScript, Python, and SQL, with experience in the complete software development lifecycle. Seeking to leverage technical skills and problem-solving abilities to contribute to innovative software solutions.

SKILLS

- **Programming Language:** Python, Javascript, HTML, CSS
- **Framework:** Django, React
- **Database:** MySQL, SQL
- **Cloud and Tools:** IBM cloud , Ms office suite, Figma
- **Methodologies:** Agile Methodology, SDLC

PROJECT

Face Recognition Attendance System

Jan 2024 - Mar 2024

- Developed a contactless Face Recognition Attendance System using computer vision for efficient, automated attendance tracking.
- Implemented facial detection and recognition algorithms using OpenCV and deep learning, achieving high accuracy in real-time.
- Integrated with a SQL database to store, retrieve, and manage attendance records and user profiles securely.
- Designed a user-friendly interface for administrators to monitor attendance logs and manage records efficiently.

Indoor Navigation Using AR

Sep 2023 - Dec 2023

- Developed an indoor navigation system using Augmented Reality (AR) to guide users through complex indoor environments, such as malls, hospitals, and airports.
- Leveraged AR to overlay virtual directional cues and paths in real-time, enhancing user experience with intuitive, visual navigation.
- Utilized computer vision and AR frameworks (e.g., ARCore/ARKit) for accurate environment mapping and user positioning.
- Integrated with building layouts and floor maps to provide precise, context-aware guidance.

Super app Integrated Multiple apps

Jun 2023 - Aug 2023

- Developed a unified application to host multiple web apps, providing users with a seamless experience across diverse functionalities in a single platform.
- Integrated various independent web apps using a modular architecture, optimizing performance and simplifying maintenance.
- Implemented single sign-on (SSO) for streamlined user authentication across all web apps within the application.
- Designed a cohesive user interface to ensure consistent branding and user experience across each integrated web app.

ACHIEVEMENTS

Smart India Hackathon (SIH)

Aug 2023 - Sep 2023

Developed a solution within strict guidelines to solve real-world problems through innovative, tech-based approaches.

Learnathon

Aug 2022 - Sep 2022

Demonstrated commitment to continuous learning and skill enhancement a month-long intensive learning program.

CERTIFICATIONS

- **Full Stack with Python Course:** GUVI
- **Introduction to Cloud:** IBM
- **Machine Learning with Application to Object Recognition:** NM

EDUCATION

M.A.M School of Engineering

Oct 2020 - Jul 2024

B.E, Computer Science And Engineering

Achievements: 82%