Sai Saketh Uddanti

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Education

Central Michigan University	**Aug 2023 – Dec 2024**
Master of Science in Information Systems	*Mount Pleasant, Michigan*

Institute of Aeronautical Engineering	**July 2019 – July 2023**
Bachelor of Technology in Information Technology	*Hyderabad, India*

Projects

Easy Event | *GraphQL, Node.js, MongoDB, React.js*   **July 2023 – Sept 2023**

- Created an event organiser web application for students enabling them to host over 100 events.
- Implemented a GraphQL API to retrieve data, seamlessly connecting it to the application's database, enhancing data access efficiency by over 50 percent
- A student can easily create events and manage registrations with a seamless process, reducing the effort required by 50 percent.
- Designed an algorithm that automates email reminders to be sent to all event participants, reducing manual effort by 70 percent.

QuizWiz | *Java, Spring Boot, Angular.js*   **April 2023 – June 2023**

- Designed a web-based platform catering to institutions, like schools, enabling them to conduct timed exams with ease, resulting in a 40 percent reduction in administrative tasks.
- Admins can create a quiz in the portal with the answer key to provide immediate results to the participants.
- Enrolled platform users can expect to receive an email notification within 30 minutes after a quiz is uploaded to the platform.

House Party | *Python, Django, JavaScript, React.js*   **Dec 2021 – Feb 2022**

- Developed an full stack web App to implement a collaborative music playing system with a capacity of 10 per room.
- Integrated the application with Spotify API expanding the music library to over 100 million songs.
- The host can invite other users to join the room using a code which is generated every time a new room is generated.
- The room's actions include skipping, playing, pausing are determined by the action which receives the highest number of votes.

SwiftKey | *Python*   **Aug 2019 – Sept 2019**

- Built a terminal application using python to calculate typing speed of the user in words/min.
- Mistyped text is visually highlighted with a different color, resulting in a 50 percent reduction in errors.
- Implemented the Curses, Time, and Random modules to execute a range of functions, resulting in a substantial 30 percent improvement in the application's performance

Relevant Courses/Coursework

- Algorithms
- Data structures
- Design
- Programming
- Agile
- Teamwork
- Software development
- Computer science
- Machine learning
- Communication skills
- Data analysis
- Architecture

Technical Skills

Languages: Python, Java, C, HTML5/CSS, JavaScript, Python, sql
Developer Tools: VS Code, BootStrap, Git/Github, version control, Debugging, troubleshooting
Technologies/Frameworks: Reactjs, Django, MongoDb, Nodejs, Angular.js, front-end, back-end,

Achievements

- **Solved 1000+ problems** on coding platforms like Leetcode, hackerrank, codechef, codeforces.
- **Earned** the **top spot** as the **#1 coder** in the **Smart Interviews** (Tech placement program) at **IARE** for the year 2023