G MAGESHVARAN

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🌐 https://mageshvarangit.github.io/Magesh.portfolio.web/

EDUCATION

(MCA) Master's Of Computer Application   **Sep 2022 - May 2024**
Hindustan Institute of Technology & Science

(BCA) Bachelor's Of Computer Application   **Aug 2018 - Sep 2021**
Pondicherry University

PROJECTS

1. E-commerce Website: Link
- E-commerce Website Developed a visually appealing frontend with HTML, CSS, and Bootstrap. Implemented backend features using Node.js and MySQL for data management. Integrated Stripe API for secure online payment processing.

2. Real-Time Attendance System with Face Recognition: Link
- Our project utilizes Python and OpenCV for real-time face detection and recognition, ensuring accurate attendance tracking. Leveraging frameworks like Numpy, Pandas, and PyTorch, our system automates the attendance process, offering scalability and integration with existing systems. With streamlined database management and real-time monitoring, it provides an efficient solution for attendance management in educational institutions, offices, and organizations.

3. Web Based Crime Prediction: Link
- Web-based crime prediction involves using machine learning algorithms and visualizing techniques to forecast the distribution of crime in a given area. By analyzing historical crime data, these models can predict where and when criminal events might occur. The goal is to enhance safety and reduce crime rates through accurate real-time predictions. Researchers and developers have created various web based crime prediction tools and applications.

4. Text-to-Speech Web App: Link
- Developed a web application that converts text input into speech output. Users can enter text, select voice options, and listen to the generated speech. Built using HTML, CSS, and JavaScript.

WORK EXPERIENCE   **Jan 2023 - Mar 2023**

ACIAN Automate
- Jan-Mar 2023 Company Name l AICAN Automate Collaborated with a cross functional team to design, implement, and maintain cloud based solutions on the Azure platform. Gained hands-on experience with Azure services, including but not limited to Azure Virtual Machines, Azure Blob Storage, and Azure App Services

TECHNICAL SKILLS

- **Languages\Database:** C, C++, Python, JavaScript, SQL, Data Structure & Algorithm.
- **Web Technology:** HTML, Css, JavaScript, Bootstrap, Node.js, JQuery, Express.js, Git, Github, APIs, PostgreSQL, React.js.
- **Software & Tools:** Visual Studio, Android Studio, Pycharm, Github.

AREA OF INTEREST

- Python Development
- Full Stack Web Development
- Database Management System
- Generative AI

CERTIFICATION

- Full Stack Web Development **Link**
- Python **Link**
- SQL **Link**
- NPTEL Cloud Computing
- Generative AI
- NPTEL Cyber Security & Privacy
- Azure Cloud Computing
- ChatGPT Masterclass **Link**