Mahesh N D

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EDUCATION

GLOBAL ACADEMY OF TECHNOLOGY, Bangalore   2020 - Present
Bachelor of Engineering (BE) in Computer Science | CGPA: 9.01

S N Bhat PU College, Bangalore   2018 - 2020
Class XII (NCERT) PCMB

TECHNICAL SKILLS AND CERTIFICATION

- **Programming Languages:**   C, Python, Java, JavaScript, HTML, CSS, Django, Django REST Framework, Flask, Bootstrap.
- **Database Technologies:**   SQLite, MySQL.
- **Version Control:**   Git, GitHub.
- **Tools:**   Visual Studio code, MySQL Workbench, PyCharm, Jupiter Notebook, Google Collab.
- **Libraries:**   OpenCV, Speech Recognition.

ACADEMIC PROJECTS AND EXPERIENCE

Speech Automated Face Recognition Attendance System (Python, MySQL, OpenCV, Speech Recognition)

- Implemented facial recognition algorithms to detect and recognize individuals from a live video feed or images captured by a webcam mark attendance into the database.

Automated Marks Entry System Using Digit Recognition (Flask, Digit Recognition, MySQL, HTML, CSS, Bootstrap)

- Developed an automated system using Python and OpenCV for recognizing handwritten digits and automatically entering marks into the database.

Animal Classification Mobile App (Machine Learning, Python)

- Spearheaded the development of a Flutter-based mobile app for animal species prediction using TensorFlow Lite.
- Organized seamless integration of the machine learning model, ensuring a user-friendly experience and real-time identification capabilities.

EXPERINECE AND CERTIFICATION

Data Analytics Internship from IBM Skill Build:

- Conducted data analysis and generated insights to support decision-making processes and Utilized tools such as Google collab to clean, process, and visualize data.

Lab Equipment's Management website (College Incubation Centre Internship):

- Designed and developed a web application using Django and React and built API's to efficiently manage and track laboratory equipment in a college setting.

Developer (Suktha Solutions Private Limited):

- Managed invoice data by scanning and digitizing invoices for efficient record-keeping.
- Implemented security measures by utilizing JWT (JSON Web Tokens) for authentication, enhancing data protection and access control.

Google Data Analytics Certification by Google from Coursera.

EXTRA CURRICULAR ACTIVITY

- Secured **2nd place in HACKBITES 2.0 Hackathon**.
- Presented a paper on Speech-enabled machine learning-based automated attendance monitoring system through face recognition in **IEEE International Conference** on Contemporary Computing and Communication at **CHRIST University.**
- **22nd** place in **BMSCE PHASE SHIFT 2021 Code-A-Thon** conducted by **Code Chef.**
- Assisted in the planning, organization, and execution of technical events during the college fest.