

M AKASH KRISHNAN

UNDERGRADUATE STUDENT

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SUMMARY

A budding web developer skilled in building responsive websites using HTML, CSS, JavaScript, and React. has experience integrating backends with Django, handling user authentication, and creating interactive UI components. Additionally, a solid grasp of basic programming concepts in Python and is comfortable working with APIs, data structures, and version control.

TECHNICAL SKILLS

- HTML, CSS, Tailwind CSS
- Django & Django REST Framework
- Python (Intermediate)
- Java Script - CesiumJS (3D/WebGL elements)
- REST API's
- Machine Learning Model Integration
- React + vite
- MySQL (Basic)
- C/C++ (Basic)

PROJECTS

- **Developed a Weather Website**

The Weather Globe project is an interactive 3D Earth visualization built using CesiumJS, allowing users to explore real-time weather data dynamically mapped to global locations.

- **Developed a Emotion Recognition Model**

Developed an Emotion Recognition System that detects emotional states from raw voice inputs using features like pitch, MFCCs, and spectrograms. Utilized machine learning models trained on multilingual datasets for accurate, real-time emotion analysis without speech transcription.

- **Developed Portfolio Website**

Designed and developed a responsive portfolio website using React and Vite to showcase projects, technical skills, and creative work. Integrated 3D elements using Spline and highlighted additional projects in Blender modeling and video editing.

TECHNICAL EVENTS

Hackathon - VIT College, Chennai

Developed a web app to teach kids cybersecurity through interactive modules, real-life scenarios, simulation videos and safe gaming guidance.

Hackathon - KPR College, Coimbatore

Developed a smart web application that recommends personalized career paths based on user input like interests and education. It uses a BERT-based NLP model to understand user data and provide context-aware career suggestions.

EDUCATION

- **UG - Dr. M G R University & Research Institute (2022 - Present)** - CGPA - 8.4
- **10th - Mahatma MHSS** - 70%
- **12th - Balalok MHSS** - 72%

AWARDS & CERTIFICATIONS

- **Certifications:** Meta's Backend Developer Certification from Coursera. Python for Data Science Certification from NPTEL.
- **Awards:** Best Student Performer Awarded from IBM (2024)