# MADHAV M

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## Education

**Bachelor of Technology in Computer Science and Engineering (Artificial Intelligence)**    **2022 − 2026**
*Amrita Vishwa Vidyapeetham*    *Coimbatore, Tamilnadu*
CGPA: **8.74** (Till 4th Semester)

**Senior Secondary (12th Grade)**    **2021 - 2022**
*Sri Vageesha Vidhyashram Senior Secondary School*    *Trichy, Tamilnadu*
Percentage: **88.2%**

**Secondary (10th Grade)**    **2019 - 2020**
*Sri Vageesha Vidhyashram Senior Secondary School*    *Trichy, Tamilnadu*
Percentage: **96.6%**

## Key Strengths

- Data Structures
- Artificial Intelligence
- Machine Learning
- Operating Systems
- Algorithm Analysis
- AI Robotics
- UI Design
- OOPS

## Projects

**EvaluGATE** | *React.js, Vite*    **June 2024**
- EvaluGATE is an innovative evaluation platform leveraging Large Language Models (LLMs) to provide comprehensive exam solutions for students.
- Implemented an interactive UI and ensured seamless integration for students to navigate through the platform.
- GitHub   |   Live Demo

**IIWA 7 Simulation** | *HTML, CSS, Three.js, Matlab*    **March 2024**
- Developed an interactive website for the Kuka IIWA 7 robot using HTML, CSS, and Three.js to visualize Forward Kinematics in real time.
- Developed Inverse Kinematics algorithms in MATLAB to obtain joint angles from known coordinates of end effector.
- GitHub   |   Live Demo

**MV Creations** | *Three.js, React.js*    **November 2023**
- Developed a dynamic and immersive website using React.js and Three.js.
- Designed intuitive and responsive 3D elements with animations using Three.js.
- Ensures a seamless user experience across various devices and screen sizes.
- GitHub

**Film Fanatics** | *HTML, CSS, JavaScript*    **April 2023**
- Developed a Fully Functional Responsive Website using HTML, CSS and JavaScript
- Interactive UI and Seamless integration from Viewing Movies to Payment Gateway.
- GitHub   |   Live Demo

## Technical Skills

**Languages**: C, C++, Java, Python, HTML, CSS, JavaScript, MATLAB
**Developer Tools**: VS Code, Eclipse, IntelliJ, Google Colab, Figma
**Libraries/Frameworks**: Linux, GitHub, React.js, Three.js, PostgreSQL, Numpy, Matplotlib, Pandas, PyTorch

## Additional Competencies

**Anokha - Planning and Resources**    **August 2024 − Present**
*Head*    *Amrita Vishwa Vidyapeetham*
- Developed problem-solving and organisational skills by collaborating closely with the team to find solutions and implement them effectively.

**Graphic Designer**    **October 2022 − Present**
*YouTube*    *Coimbatore, Tamilnadu*
- Creative Designer and Video Editor with a proven track record of driving YouTube channel growth from 100K to 600K+ subscribers. Created Thumbnails have reached over 15 Million+ Viewers cumulatively.

**Secretary**    **July 2024 − Present**
*Raagasudha Club*    *Amrita Vishwa Vidyapeetham*
- Contributed as a violinist at Raagasudha Club, performing in numerous musical events over the past 2 years and was recently elected as Secretary, now coordinating with the members to organize successful events.