

Manas Viswajith

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EDUCATION

- **Amrita Vishwa Vidyapeetham** Coimbatore, Tamil Nadu
B.Tech in Computer Science & Engineering 2023 – 2027
 - **CGPA:** 7.44 (current)

EXPERIENCE

- **The Indian High School** Dubai, UAE
Technology Intern May 2023 – June 2023
 - **TechFest Support:** Assisted in the successful organization and management of TechFest 2023–24 across two campuses, coordinating technology workflows and onsite support.
 - **3D Printing:** Actively contributed to the design and production of components and prototypes using 3D printing technologies.
 - **ICT Support:** Provided technical assistance for IT systems, helping staff and students with hardware and software support needs.
 - **Event Technical Support:** Supported participants of the 4x4 Nationals event by addressing tech-related requirements and ensuring smooth event operations.
- **Amrita Vishwa Vidyapeetham — (Student / Contributor)** Coimbatore, Tamil Nadu
Undergraduate Contributor / Developer 2023 – Present
 - **Genesis 2025 Event Website:** Collaborated in the design and development of the website, contributing to visuals and frontend implementation.
 - **Amrita Model UN (AMUN) Web Development:** Contributed to the Amrita Model United Nations 2025 website built with Next.js, TypeScript, and Tailwind CSS.

PROJECTS

- **Secure Smart Locker System:** Designed an embedded-system based secure locker system; implemented locking/unlocking logic and security features using microcontroller programming.
- **Glide-UI:** Created a GUI for a Glide app, improving user interface design and enhancing usability for non-technical users.
- **Imagcryptor:** Developed an image encryption tool to securely encrypt images for web galleries and image platforms.
- **Raw-to-BMP Converter:** Built a command-line utility to convert raw image files into BMP format efficiently, facilitating image processing workflows.
- **Amrita MUN Website (2025):** Contributed to the Amrita Model United Nations 2025 website built with Next.js, TypeScript, and Tailwind CSS.
- **IIC Website:** Developed the Institution Innovation Cell (IIC) website as part of web-dev efforts using Next.js and Tailwind CSS; led the design and implementation of event pages, team sections, and responsive layouts.

SKILLS

- **Languages:** C, C++, Python, JavaScript, TypeScript, Java
- **Frameworks & Tools:** Next.js, React, Tailwind CSS, Node.js, Git, Linux
- **Embedded & Hardware:** Arduino, Microcontrollers, Serial Communication
- **Soft Skills:** Communication, Teamwork, Leadership, Problem Solving, Adaptability, Time Management