Devika Unnikrishnan

Malappuram, Kerala

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EDUCATION

Amrita Vishwa Vidyapeetham   *08 2023 – Present*
Bachelor of Technology in Computer Science and Engineering - **CGPA: 8.48**   Coimbatore, India

Emirates Future International Academy   *04 2009 – 03 2023*
XII (CBSE) - **91.8%**   —   X (CBSE) - **94.5%**   Abu Dhabi, UAE

COURSEWORK / SKILLS

- Data Structures & Algorithms
- Operating Systems
- Database Management System (DBMS)
- Artificial Intelligence
- OOPS Concept
- Web Development
- UI/UX Design

PROJECTS

Shelly – Sustainable Shopping UI for Walmart | React.js, Tailwind CSS, JavaScript

- Collaborated with a team to design a frontend-only UI concept for a sustainability-driven Walmart application.
- Created responsive login and sign-up interfaces with smooth navigation.
- Developed a locality-based leaderboard with mock data to drive engagement.
- Ensured visual consistency with a cohesive Tailwind-based design system.

Embedded System Game Module | STM32

- Developed an interactive embedded system game module on STM32, integrating a joystick, pushbuttons, LCD, and 8x8 LED display.
- Developed two games: a dino-run platformer and a memory game, integrating hardware and software components.
- Collaborated in a team to manage game logic, handle input, and display output.

Open-Access Fruit Dataset | Figshare | DOI: 10.6084/m9.figshare.30783827

- Published a dataset of Thermal IR-Fusion images, sRGB images, and methane sensor readings for six fruits across their lifecycle stages.
- Organized 20,000+ images and readings into Normal and Classified (Spoiled/Not_Spoiled) folders, enabling research on fruit freshness, maturity detection, and quality classification.

TECHNICAL SKILLS

Languages: Python, JavaScript, Java, C, SQL
Web Technologies: HTML5, CSS3
Libraries/Frameworks: React.js, Tailwind CSS
Tools/Platforms: VS Code, GitHub

CERTIFICATIONS

- *Designing User Interfaces and Experiences (UI/UX) – IBM (via Coursera)*
- Figma