

VEDHULA BALA GAYATRI

Email: balagayatri2005@gmail.com | Phone: +917780679923 | GitHub: <https://github.com/gayi2> |
LinkedIn: www.linkedin.com/in/vedhula-bala-gayatri-8b4aa3251 | LeetCode: <https://leetcode.com/u/Y4jmE8ijTo/>

Education

VIT Bhopal University, Madhya Pradesh

B. Tech in Computer Science, Minor in E-Commerce CGPA – 8.41/10

Sri Chaitanya college

12th Standard, April 2022 – 80.0% | 10th Standard, June 2020 – 98%

September 2022 – June 2026*

Bhopal, Madhya Pradesh

June 2020 – June 2022

Srikakulam, Andhra Pradesh

Experience and Projects

AR/VR-Based Virtual Furniture Shopping Application

Feb 2024 – Apr 2024

- Developed an interactive AR/VR application for visualizing furniture in home environments.
- Integrated ARKit and Vuforia for real-time object placement.
- Utilized Unity3D with C# for cross-platform compatibility.
- Implemented user-friendly features such as scaling, rotation, and object placement.
- Optimized performance for iOS and Android devices.

UI/UX MAC WATCH REDISIGN

Feb 2025-mar-2025

- Redesigned the Apple Watch interface for macOS using Figma, focusing on clean UI and improved user experience.
- Created high-fidelity mockups and interactive prototypes following Apple's Human Interface Guidelines.
- Used auto-layout, components, and design systems to ensure consistency and scalability.
- Conducted basic user feedback analysis and applied iterative improvements to the design.

MERN STACK BASED E-COMMERCE APPLICATION

ONGOING

- Built a user-friendly e-commerce website using MERN Stack (MongoDB, Express.js, React.js, Node.js).
- Implemented features like product browsing, adding to cart, and basic checkout functionality.
- Designed responsive and visually appealing UI using React.js and Tailwind CSS.
- Managed product and user data using MongoDB, with secure backend routes via Express.js and Node.js.

Technical Skills

- Languages:** C++, JavaScript, Java, Python
- Frontend Tools:** React.js, Tailwind CSS, HTML, CSS
- Backend Tools:** Node.js, Express.js
- Database Management:** MongoDB, MySQL
- Soft Skills:** Problem-Solving, Team Collaboration, Time Management
- UI/UX -Figma

Extracurricular Activities

- Completed 100 Days Coding Challenge (Coding Ninjas) and Dr. G Viswanathan Challenge (Going on)
- Hacker Rank Achievements: 5-Star in Java ,5-Star in C++

Certifications

- MongoDB Node.js, MongoDB (Mar 2025)
- Modelling & Analytics for Supply Chain Management, NPTEL (Jan – Apr 2024)
- Industrial Internet of Things, Coursera (Dec 2023)
- Python Certification, Vityarthi Portal