

# VASU G

Kumbakonam, Tamil Nadu

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👤 [portfolio](#)

## EDUCATION

### Karpagam College of Engineering

B.Tech Information Technology - **CGPA - 8.3**

Sep 2023 – Aug 2027

Coimbatore, Tamil Nadu

### Good Luck Matric Hr Sec School

Higher Education - **Percentage - 94%**

Jun 2022 – Jun 2023

Srikandapuram, Tamil Nadu

## COURSEWORK / SKILLS

- Web Development
- Database Management System
- Debugging
- Object-Oriented Programming
- Problem Solving
- Data Structures & Algorithms

## PROJECTS

### Food Delivery 🚀 | MERN Stack, Spring Boot

Apr 2025

- Engineered a full-stack food ordering platform using the MERN stack with Spring Boot microservices for backend processing.
- Implemented dynamic menu rendering, and a persistent shopping cart, enhancing user engagement by 30%.
- Designed a responsive, mobile-first UI with React.js, resulting in a 40% improvement in user experience scores based on feedback.

### Console Debugger Chrome Extension 🚀 | HTML, CSS, JavaScript, Gemini API

Jan 2025

- Developed a Chrome Extension that utilizes natural language processing to interpret and provide solutions for JavaScript console errors.
- Integrated the Google Gemini API to analyze error messages, reducing average debugging time for common issues by an estimated 50%.
- Engineered features for session history, including export and delete functionalities, improving developer workflow.

### Weather Detector 🚀 | React, OpenWeatherMap API

Feb 2025

- Created a responsive weather detection web application using React.js and the OpenWeatherMap API for real-time data.
- Implemented geolocation to automatically fetch local weather data and provided a 7-day forecast, increasing data relevance.
- Designed an intuitive UI with dynamic weather icons and a clean layout, achieving a 95% positive user feedback rating for usability.

## TECHNICAL SKILLS

**Languages:** Java, C, C++, Python, JavaScript, HTML, CSS

**Developer Tools:** VS Code, Git, GitHub, IntelliJ IDEA

**Technologies/Frameworks:** Spring Boot, React.js, Node.js, Express.js, MongoDB, Oracle, Microservices

## CERTIFICATIONS

- Coursera - React.js Advanced
- HackerRank - JavaScript
- HackerRank - HTML & CSS
- HackerRank - SQL
- HackerRank - Node.js
- Geeks for Geeks - Java