

M. Vijay Akash

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Professional Summary

Aspiring Data Analyst and Developer pursuing a B.E. in Computer Science and Engineering. Strong foundation in full-stack web and mobile app development, data analysis, and problem-solving. Proficient in tools like Python, SQL, Excel, React, and Flutter. Passionate about leveraging data and modern technologies to deliver impactful software solutions.

Education

B.E. in Computer Science and Engineering

Nadar Saraswathi College of Engineering and Technology, Theni

CGPA: 8.53 (up to 4th semester)

Expected Graduation: 2026

Higher Secondary (12th)

Percentage: 86%

Year: 2022

Secondary School (10th)

Percentage: 92%

Year: 2020

Technical Skills

Programming: Python, Java, SQL

Data Analysis: Microsoft Excel, Pandas, NumPy, Matplotlib

Web Development: HTML5, CSS3, JavaScript, Angular, React, Bootstrap, Tailwind CSS

App Development: Flutter, React Native

Databases: MySQL, Firebase, MongoDB

Version Control: Git, GitHub

Tools: VS Code, Jupyter Notebook

Projects

Plant Disease Monitoring App

Developed a mobile app using Flutter and Firebase to diagnose plant diseases via image detection and sensor data.

Health Monitoring Web Application

Created a web app to track step count, heart rate, and diet using Angular (frontend) and Node.js with MongoDB (backend).

Appointment scheduler app

Created an production deployed app to make a better communication between staff and principal and make easy scheduled appointments using react native (frontend) and Node.js with MongoDB (backend).

Shirt Try-On Presentation

Designed an AI-powered virtual try-on experience using Python and OpenCV to enhance customer interaction.

Internships

Frontend Developer Intern

Novitech Company

30 Days

Worked on UI/UX design improvements, responsive layout, and API integration for client-facing web apps.

App Developer Intern

Novitech Company

30 Days

Developed hybrid mobile applications using Flutter and React Native with real-time database connectivity.

Web Developer Intern

Astrowebsolutions

30 Days

Built fully responsive websites using modern HTML, CSS frameworks, and JavaScript.

Certifications

- Python Programming – Infosys Springboard
- Java Programming – Infosys Springboard
- Computer Networks – Cisco Networking Academy

Achievements

- First Place – College-level Hackathon for IoT Innovation
- Participant – Code Red Hackathon
- Participant – Smart India Hackathon

Soft Skills

- Analytical Thinking and Problem-Solving
- Adaptability and Quick Learning
- Time Management and Task Prioritization
- Strong Communication and Team Collaboration