Vismaya Dinesh Kumar

vismayadineshkumar@gmail.com | +91 9061963170 |
https://www.linkedin.com/in/vismaya-dinesh-kumar-43a6652a5/
https://github.com/vismaya-dinesh

Profile

I am a first-year student in Master of Computer Applications with a keen interest in coding, developing, and testing software.

Education

Master of Computer Applications (2024 – Present)

- Amrita Vishwa Vidyapeetham, Kochi
- Current CGPA: 8.77

Bachelor of Computer Applications (2021 – 2024)

- Little Flower College, Guruvayur
- CGPA: 8.02

Grade 12 (2021)

- The Emirates National School, Sharjah
- Percentage: 95.6%

Grade 10 (2019)

- The Emirates National School, Sharjah
- Percentage: 93.2%

Internships

Deloitte Australia Technology Job Simulation on Forage – January 2025
- Completed a job simulation involving data analysis for Deloitte's Technology team
- Created a data dashboard using Tableau
- Wrote a proposal for a client project to create a functioning dashboard
- Used Excel to classify data and draw business conclusions

Goldman Sachs Software Engineering Virtual Experience Program on Forage – January 2025
- Completed a job simulation as a Goldman Sachs governance analyst responsible for assessing IT security and suggesting improvements
- Identified outdated password hashing algorithm using Hashcat

- Wrote a memo proposing uplifts like extending password length and using secure hashing algorithms

Skills & Abilities
- Python
- React
- Java
- HTML, CSS, JavaScript
- MySQL

Certifications
- Introduction to Data Analysis – IBM (Coursera)
- Excel Basics for Data Analysis – IBM (Coursera)
- Data Visualization and Dashboards with Excel and Cognos – IBM (Coursera)
- CompTIA Cybersecurity Analyst+: Cloud Computing & Cybersecurity – Infosys Springboard
- Basics of Python – Infosys Springboard

Projects

MediCare (Disease Prediction and Diet Plan Suggestion Web App): - Ongoing
- Predicts diseases like heart, lung, and diabetes using machine learning models.
- Suggests personalized diet and workout plans based on predicted conditions.
- Includes an AI chatbot for interaction and health queries.
- Built using React (frontend), Python/Flask (backend), and integrated with a database in a microservices architecture.

To-Do List Web Application using React:
-Developed a responsive and user-friendly to-do list application.
-Users can add, delete, and mark tasks as completed.
-Demonstrated effective use of React hooks like useState and useEffect.

Weather App:
React.js, OpenWeatherMap API, HTML/CSS, GitHub
-Developed a responsive weather application using React that displays real-time weather information for any city.
-Integrated OpenWeatherMap API to fetch live temperature, weather conditions, and city data.

College Attendance System Using RFID Technology:
- Aim: Development of a software application that utilizes Radio Frequency Identification (RFID) technology to automate and streamline the process of recording college attendance.
- Tools Used: Flask, SQLite for Web Application and Android Studio for Mobile App.