



KEERTHANA H R

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PROFESSIONAL SUMMARY

Final-year Computer Science student with strong skills in Data Science, Analytics, and Statistical Modeling. Passionate about applying data-driven insights and machine learning to solve business problems. Quick learner with problem-solving and collaboration abilities, eager to contribute to decision science and analytics teams.

EDUCATION

MVJ College of Engineering

Bachelor of Engineering – Computer Science and Engineering | CGPA:9.21

2022- 2026

Bengaluru, Karnataka

TECHNICAL SKILLS

- Technical Skills:** Python, SQL, C/C++, Java, AWS, Git, GitHub
- Analytical & ML Tools:** Jupyter Notebook, Scikit-Learn, Pandas, NumPy, Matplotlib, Streamlit.
- Data Science & Visualization:** Data Cleaning, Statistical Modeling, Hypothesis Testing, Data Visualization, Machine Learning
- Databases & Web Technologies:** MySQL, MongoDB, RESTful APIs, Django, HTML, CSS, JavaScript, Cloud Computing (AWS).
- Tools:** VS Code, PyCharm, Eclipse, MySQL Workbench, Postman
- Soft Skills:** Problem Solving, Analytical Thinking, Communication, Team Collaboration, Presentation, Quick Learning, Time Management

EXPERIENCE

Participated in Project Expo

May 2023

- Got an opportunity to showcase the project and gained hands on experience.
- Showcased *Trip Trove*, a **full-stack travel platform** with community features, interactive maps, and real-time transport integration.
- Gained experience in project presentation and technical demonstration.

Java Programming Intern — CodSoft

Nov 2024 – Dec 2024

- Completed a 4-week virtual internship focused on core Java programming and application development.
- Gained hands-on experience in object-oriented programming (OOP), data structures, and algorithms
- Developed and tested **mini-projects** applying Java concepts to real-world problem-solving.

PROJECTS

Trip Trove – Community-Centric Travel Platform:

Full Stack Web App | TypeScript | Supabase | Tailwind CSS | Leaflet

Developed a community-focused travel platform with user profiles, forums, blogs, and event features.

Integrated Leaflet-based interactive maps and APIs for real-time train, and bus information with route planning and distance measurement tools.

Eye Blink & Face Detection System:

Computer Vision | Python | OpenCV | dlib

Designed a real-time face and eye blink detection system for authentication and fatigue monitoring.

Utilized dlib's facial landmark detection and OpenCV for accurate blink tracking through image processing techniques.

Cloud-Based Fraud Detection System:

Machine Learning | AWS | Python

Developed a fraud detection system with 93.7% accuracy using Random Forest and LSTM, deployed on AWS for scalability.

Integrated secure REST APIs and a React.js dashboard for real-time analytics and encrypted data handling.

Ask ChatGPT

CERTIFICATIONS

Completed Python Certification and secured 80% organized by IIT Bombay Spoken Tutorials

[Link](#)

Completed Software Engineering Job Simulation BY J.P.Morgan

[Link](#)

Completed Introduction to Google Cloud Platform by SkillUP

[Link](#)

Completed Postman API Fundamentals Certification.

[Link](#)

Completed Power BI Certification BY OfficeMaster

[Link](#)