



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
Completed Software Engineering Job Simulation BY J.P.Morgan
Completed Introduction to Google Cloud Platform by SkillUP
Completed Postman API Fundamentals Certification.
Completed Power BI Certification BY OfficeMaster

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