Rajshekar RC

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EDUCATION

PES Institute of Technology & Management, Shivamogga
Bachelor of Engineering in Computer Science. *Dec '21 - Jun '25*

SKILLS & INTERESTS

Languages: Python, JavaScript, TypeScript, SQL, Java
Lib/Frameworks: React.js, Next.js, Express.js, Flask, Tailwind CSS
Databases: MongoDB, MySQL
Developers Tools: Git, GitHub, Vercel, Linux
Core Concepts: Data Structures, Algorithms, OOP, System Design (Basics), REST APIs,Responsive UI

CERTIFICATIONS & WORKSHOPS

Generative AI Mastermind (Outskill)	*Mar '25*
Python Using AI (AI For Techies)	*Aug '25*
Introduction to Microsoft Excel (Microsoft)	*Sept '24*
Generate Images with AI (Microsoft Learn)	*Oct '25*
Detect, Analyze, and Recognize Faces (Microsoft Learn)	*Nov '25*

EXPERIENCE

Global Quest Technologies [*Intern*]

- Developed a full-stack responsive e-commerce application with product catalog, user authentication, cart management, and order processing functionality using modern web technologies.

- Designed and optimized backend data handling and UI workflows to ensure seamless user experience, efficient database operations, and smooth end-to-end transaction flow.

PROJECTS

Campus Marketplace   *React, Firebase, Tailwind CSS*

- Developed a student marketplace platform enabling users to buy and sell products within campus using React and Firebase. Implemented user authentication, product listing, and real-time database integration while designing a responsive and optimized frontend interface.Scalable backend integration and smooth user experience across devices..

Esophageal Cancer Detection   *Python, Machine Learning, Quantum Computing*

- Built a research-driven medical data classification system using Python, applying machine learning techniques and conceptual quantum computing principles for cancer prediction. Performed structured data preprocessing, feature selection, and model evaluation to improve classification accuracy and analytical reliability.

Bird Species Identification (KNN)   *Python, Machine Learning*

- Developed a machine learning classification model using the K-Nearest Neighbors (KNN) algorithm to identify bird species from structured dataset features. Conducted data preprocessing, feature selection, and accuracy evaluation while implementing prediction visualization for better result interpretation.

Iris Detection System   *Python, MediaPipe, Computer Vision*

- Developed a machine learning classification model using the K-Nearest Neighbors (KNN) algorithm to identify bird species from structured dataset features. Conducted data preprocessing, feature selection, and accuracy evaluation while implementing prediction visualization for better result interpretation.

Languages

- English
- Kannada
- Hindi