


NAGARAJ JADAR

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CAREER OBJECTIVE

Aspiring developer passionate about building scalable, user-centric solutions. Eager to apply problem-solving skills, adapt to new technologies, and contribute to an innovative team.

WORK EXPERIENCE

Machine Learning Intern **Center of Excellence in Visual Intelligence, Hubli** **June 2024 – September 2024**

- Developed a machine learning system for helmet detection using Python, TensorFlow/Keras, and YOLOv5/YOLOv8, achieving 90% real-time detection accuracy.
- Deployed the solution with Flask, utilizing OpenCV for live video processing, automating compliance checks across 100+ use cases, and reducing manual intervention while ensuring scalability.

SKILLS

- **Programming Languages:** Java, SQL, JavaScript, Python (Basic)
- **Web Development:** HTML, CSS, React
- **Backend Development:** Java, Spring Boot (Learning), REST APIs
- **Databases:** MySQL, MongoDB
- **Tools:** Git, Excel

EDUCATION

- **MCA.** KLETech University, Hubli, Karnataka. CGPA: 7.82 **2022-2024**
- **B.Sc.** Government College of Arts, Koppal, Karnataka. CGPA: 6.62 **2019-2022**
- **PUC.** SG College, Koppal, Karnataka. Percentage: 66.33 **2017-2019**
- **SSLC.** Government Pre-University College, Koppal. Percentage: 93.12 **2016-2017**

PROJECTS

RECIPE FINDER (MERN STACK): Built a full-stack recipe search platform with real-time filtering and an interactive UI for an enhanced user experience. Integrated MongoDB for efficient data storage and retrieval

HELMET DETECTION (Machine Learning): Developed a real-time AI-Driven helmet detection system using YOLO and TensorFlow/Keras. Implemented automated alerts for non-compliance, improving safety monitoring.

Basic Web Projects (HTML, CSS, JavaScript): Created Tic-Tac-Toe, Currency Converter, and Stone-Paper-Scissors With dynamic UI/UX and optimized JavaScript for enhanced responsiveness.

Web Project Links: [Tic-Tac-Toe](#), [Currency Converter](#), [Stone-Paper-Scissors](#)

CERTIFICATION AND ACHIEVEMENTS

- Accenture UK Developer and Technology Virtual Experience Program on Forage - January 2025
- Goldman Sachs Software Engineering Virtual Experience Program on Forage - January 2025
- Cyber Security and Hacker Tactics Awareness Training on Infosys Springboard – June 2024
- PG CET 2022 Rank: 628 – Demonstrated strong problem-solving and analytical skills.
- SSLC 3rd Rank – Recognized for academic excellence.

INTERESTS

- Passionate about **cricket**, actively following and analysing the sport.
- Enthusiastic about **self-help books** that foster personal growth and motivation.
- Keen interest in **technology trends** and continuous learning in software development.