

JAYARAJ U B

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SUMMARY

A Full Stack Web-Developer and Machine Learning Enthusiast skilled in OpenCV applications.

SKILLS

Languages: C, C++, Java, Python, HTML, CSS, JavaScript

Frameworks: React.js, Express.js, Node.js, Bootstrap, Raspberry Pi

Technologies and Tools: GitHub, MongoDB, SQL, TensorFlow

Machine Learning: OpenCV, YOLO, Hugging Face Transformers, Linear and Logistic Regression, CNNs

PROJECTS

- **SkillShare site** **MERN stack, Socket.IO**
Developed a social learning platform enabling users to interact, share knowledge, and help each other learn new skills.
- **Movie Tracker** **MERN stack**
Developed a full-stack web app to track watched movies and manage watchlists.
- **Movie Recommendation System** **Python, JavaScript, Collaborative Filtering**
Developed a personalized movie recommendation engine that provides accurate and relevant suggestions to users based on their choices.
- **Winker Social Media site** **MERN stack, JWT, Cloudinary.**
Built Winker, a MERN-stack social networking site like X and Instagram enabling real-time interaction and user engagement.

EDUCATION

2023 - present	B.E at BMSIT	(GPA: 9.0/10.0)
2023	PUC Karnataka Board	(97%)
2021	SSLC Karnataka Board	(97%)

WORK EXPERIENCE

Machine Learning Intern at SkillCraft Technology (Online) Oct 2024

- Developed a hand gesture recognition model using Convolutional Neural Networks (CNN) and OpenCV for real-time gesture detection.
- Built a house price prediction model using linear regression, achieving accurate predictive results.

Computer Vision Engineer - Surveillance Drone project (College project) May 2025 - present

- Developed a real-time system to detect flood refugees using YOLOv5 and deployed it on Raspberry Pi for disaster relief.

ACHIEVEMENTS

- Mastering The Java Fundamentals, OpenCV for Beginners on Infosys SpringBoard.
- Solved 200+ questions on Leetcode
- Reached the finals of 3 hackathons including a Hardware Hackathon.
- Ranked in the Top 100 out of 2,500 participants in the Great Bangalore Hackathon, highlighting problem-solving and teamwork under pressure.

INTERESTS

Comedy and performing arts, digital content creation (memes), cricket strategy and analytics