

BHARATH R

bharath00303@gmail.com | +91 87782 98401
linkedin.com/in/bharathr06 | hackerrank.com/bharath00303



Career Objective

Entry-level Software Engineer or AI/ML aspirant with skills in Java, Python, SQL, and Machine Learning, aiming to build practical, real-world applications

Professional Summary

Motivated Computer Science Engineering undergraduate with strong foundations in Java, Python, SQL, and Machine Learning. Hands-on experience in real-time projects involving YOLOv8, DeepSort, OpenCV, and Streamlit. Demonstrated ability to apply computer vision and data analysis techniques to practical problems, with a keen interest in AI-driven software development.

Education

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|---|------------------|
| • Bachelor of Engineering (B.E) – Computer Science Engineering | CGPA: 8.5 |
| Panimalar Engineering College | 2023 – 2027 |
| • Higher Secondary Education (HSC) | 89.66% |
| Vivekananda Vidyalaya Matric Higher Secondary School | 2023 |
| • Secondary School Leaving Certificate (SSLC) | |
| Vivekananda Vidyalaya Matric Higher Secondary School | 2021 |

Projects & Internship Experience

Crowd Count Using Video Analytics

Technologies: Python, YOLOv8, DeepSort, OpenCV

- Developed a computer vision-based system to detect, track, and count people in video streams using YOLOv8 and DeepSort.
- Implemented real-time crowd analysis to support monitoring and decision-making applications.

UI/UX Design Internship – InternPe

1 Month

- Gained practical exposure to UI/UX principles and their role in enhancing user engagement.
- Designed user interfaces for real-world applications, focusing on usability and visual appeal.

Technical Skills

Programming Languages: Java, Python, SQL

Web Technologies: HTML, CSS, JavaScript, MySQL, MongoDB

Machine Learning & CV: YOLOv8, DeepSort, Pandas, NumPy

Frameworks & Tools: Streamlit, OpenCV, VS Code, GitHub

Certifications and Training

- Python Programming – Infosys Springboard
- Introduction to Machine Learning – NPTEL
- Data Analysis with Pandas & NumPy – Coursera
- SQL (Intermediate) – HackerRank
- Java Full Stack Development – QSpiders

Co-Curricular Activities

- UI-nique Automators Club Member – Exposure to automation concepts, problem-solving, and collaborative projects.
- Participated in hackathons and technical workshops.
- Collaborated effectively in team-based technical projects.