

Software Engineer: C++ | Python | OpenCV

Important:

Candidates must have practical, hands-on experience in all three technologies C++, Python, and OpenCV.

Job Summary

We are looking for a skilled **Software Engineer** with strong hands-on experience in **C++, Python, and OpenCV** to join our engineering team. The candidate will be responsible for developing, integrating, testing, and optimizing software solutions involving computer vision and image-processing applications.

Key Responsibilities

- Develop and maintain software applications using **C++ and Python**.
- Implement **computer vision and image-processing algorithms using OpenCV**.
- Design, develop, test, debug, and optimize software modules.
- Integrate computer vision solutions with embedded systems and hardware.
- Work on real-time image/video processing applications.
- Troubleshoot performance, integration, and software issues.
- Collaborate with hardware, firmware, and system engineering teams.
- Participate in code reviews, documentation, and software testing.

Mandatory Skills

- **2–4 years of hands-on experience in C++ – Mandatory**
- **2–4 years of hands-on experience in Python – Mandatory**
- **2–4 years of hands-on experience in OpenCV – Mandatory**
- Strong understanding of **Object-Oriented Programming (OOP)**.
- Good knowledge of image processing and computer vision concepts.
- Experience with debugging, optimization, and software development practices.
- Familiarity with **Linux/Git** is an added advantage.

Preferred Qualifications

- B.E./B.Tech/M.E./M.Tech in **Computer Science, Electronics, Electrical, or related engineering disciplines**.
- Experience in embedded, defence, surveillance, or real-time vision applications will be an advantage.