

Sushant Rana

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<https://github.com/imSushant2005>

SUMMARY

AI/ML Engineer in training with hands-on experience in machine learning, computer vision, and Python-based automation. Proficient in Python, Java, and C++, with expertise in OpenCV, Mediapipe, scikit-learn, and deep learning frameworks. Built real-time AI systems achieving high accuracy in pose tracking and automation.

SKILLS

Programming Languages : Java, C, python, C++
AI/ML & Data Science : Python, NumPy, Pandas, Matplotlib, scikit-learn, TensorFlow, PyTorch, OpenCV, Mediapipe
Web Development : HTML, CSS, JavaScript, Bootstrap
Developer Tools : Git, VS Code, Jupyter, Anaconda
Soft skills : Problem-Solving, Logical Thinking, Adaptability, Continuous Learning
Languages : English, Hindi

EXPERIENCE

Java Developer | Bharat Intern | May 2024 - June 2024 | Roorkee

- Built microservices architecture with Java + Spring Boot, improving scalability by 50%
- Developed RESTful APIs, boosting data exchange efficiency by 30%
- Designed custom algorithms in Java, reducing computation overhead by 25%.

PROJECT

FIGHTCAM-MOTION CONTROL [LINK](#)

- Developed real-time gameplay automation tool using Mediapipe + OpenCV.
- Achieved 30 FPS pose tracking and 92% move prediction accuracy.
- Automated in-game actions via PyDirectInput based on ML-triggered logic.

Weather app [LINK](#)

- Created weather forecasting app with live API data integration.
- Reduced processing time by 25% through optimized algorithms.

EDUCATION

B.Tech

COMPUTER SCIENCE • COER UNIVERSITY • Roorkee,Uttarakhand • 2026 • 6.1

Intermediate

PCM • SKYWARD SEN SEC PUBLIC SCHOOL • Roorkee,Uttarakhand • 2021 • 60%

HIGH SCHOOL

SKYWARD SEN SEC PUBLIC SCHOOL • Roorkee,Uttarakhand • 2019 • 65%

CERTIFICATIONS

JAVA

HACKER RANK • 2023

ETHICAL HACKING

INTERNSHALA • 2023

ACHIEVEMENT

HACKATRON QUALIFIER,IILM,GURUGRAM

APRIL 2025