

RINKESH GUPTA

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Objective

To secure a challenging software development position where I can leverage my expertise in Java, C++, and other programming languages, while contributing to innovative projects and fostering continuous learning in a dynamic and collaborative environment.

Experience

- Defense Research and Development Organization**
08/2022 - 08/2023
Graduate Apprenticeship
At DRDO, I excel in the software domain, leveraging Java expertise to spearhead the creation of cutting-edge drone tracking software and innovative image processing applications.
- Leap Robots**
08/2023 - Current
Senior Robotics Lab Researcher
I contribute to Leap Robot Company's success in the embedded field, employing my expertise in C++ for developing innovative solutions. My skills extend to AI and IoT, enhancing our projects with cutting-edge technologies and methodologies.

Education

Course / Degree	School / University	Grade / Score	Year
Matriculation	Loyola English Medium School	66	2013
Intermediate	Krishna Public School	58.4	2016
Bachelor Of Technology	Institute of Technical Education and Research	83.90	2020

Skills

- C++
- Java
- Arduino, Raspberry
- Python

Projects

- Face detection system**
"Developed a robust Face Detection System in Java, utilizing cutting-edge image processing techniques and OpenCV libraries. Demonstrated expertise in Java programming and computer vision, contributing to the successful creation of an accurate and real-time facial recognition solution."
- Air Drone tracking**
"Engineered a Drone Tracking Program using C++, demonstrating strong programming skills and a deep understanding of embedded systems. Implemented real-time tracking algorithms to enhance the program's accuracy, contributing to the successful development of a sophisticated drone tracking solution."
- Arduino gps tracking project**
"Designed and executed an Arduino GPS Tracking Project, showcasing expertise in hardware programming and integration. Implemented precise location tracking functionalities, demonstrating proficiency in Arduino programming and the seamless integration of GPS technology for a successful and reliable project outcome."

Achievements & Awards

- "Achieved first place in a college competition by spearheading the development of an embedded car project using Arduino.
- "Secured victory in a college-level chess competition, showcasing strategic thinking, analytical skills, and a competitive spirit.

Languages

- Hindi
- English

Reference

- **Pratik Jain - Defense Research and Development Organization**
Scientist 'E'
pratikjain.chess@gov.in

Industrial Ecposure

- **Bharat Sanchar Nigam Limited**
"Completed specialized training at BSNL, focusing on communication technologies and the latest advancements in 4G and 5G networks.
- **Steel Authority of India Limited**
"Underwent impactful summer training at Steel Authority of India Limited (SAIL), gaining hands-on experience in the intricacies of steel production processes, quality control measures, and operational workflows. Strengthened practical insights into the steel industry, contributing to a well-rounded professional development."

Additional Skill Set

- • Excellent organizational and time management skills, including accuracy and attention to detail.
- Computer proficiency including basic word processing, spread sheets (MS Office) and Photoshop.
- Exposure to managing cultural, sports, annual events, seminars and conferences.