

ROHIT RAJ BHARTI

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EDUCATION

GALGOTIAS UNIVERSITY

Greater Noida, IN Bachelor of Technology in Computer Science & Engineering (AIML)
Expected May 2025 Relevant Coursework : Object Oriented Programming, Software Engineering, Algorithms.

WORK EXPERIENCE

Juniper Networks

Networking Cloud Intern

Virtual
Jan 2024 – Mar 2024

- I gained valuable experience and knowledge of Junos's device families and software architecture.
- It also emphasizes user interface options, particularly the command-line interface (CLI).
- Basic interface configuration with examples, secondary system configuration, and operational monitoring and maintenance. I also learned about the foundational routing concepts, including routing policy and firewall filters.

Amazon Web Services (AWS)

AIML internship

Virtual
Sep 2023 – Nov 2023

- AWS Cloud Foundations: I delved into the world of cloud computing, mastering essential concepts, services, and best practices. I have got my head in the cloud from AWS EC2 instances, and AWS lambda to S3 buckets!
- I explored the magic of ML algorithms, model training, and deployment. From regression to neural networks, I have unlocked the power of data-driven decision-making!

PROJECTS

Motion detection

May 2024

- Developed a real-time motion detection system using Python and OpenCV.
- Integrated motion detection software with Raspberry Pi for seamless operation.
- Implemented algorithms for background subtraction, frame differencing, and contour detection.
- Configured alert mechanisms to notify users of detected motion events via email and SMS.

APARTMENTS LOCATOR

Aug 2023

- Constructed, completed, and launched a scalable and robust Apartments Locator web app with ReactJS, driving a 40% boost in website traffic and a 25% lift in user engagement
- Streamlined the search algorithm to deliver results 50% quicker than competitor apps, increasing user retention by 20%
- Led a cross-functional team of three developers to implement real-time updates for apartment availability and pricing, resulting in a notable 35% uptick in user engagement metrics.

ACTIVITIES

National Service Scheme

Nov 2021 – Nov 2023

Team Leader

SKILLS

- **Programming Languages:** Python, Java, Javascript
- **Frontend Frameworks:** HTML, CSS, React, NextJS
- **Databases:** MongoDB, SQL
- **Version Control:** Git, GitHub
- **Agile & Project Management:** Agile Methodologies, Project Management Tools such as Linear

LANGUAGES

Fluent in Hindi and conversational proficiency in English

CERTIFICATIONS & TRAINING :

- Web Development Fundamentals
Issued by **IBM SkillsBuild**
- AWS Academy Graduate - AWS Academy Machine Learning Foundations
Issued by AWS