

# Rohit Batra

Bachelor of Computer Applications (BCA)  
Cyber security

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## TECHNICAL SKILLS AND INTERESTS

**Languages:** C, Python, Java  
**Developer Tools:** Docker, VS Code, Github  
**Frameworks:** React.js, JavaScript, HTML, CSS  
**Cloud/Databases:** AWS, MongoDB, MySQL  
**Coursework:** DSA, DBMS, Operating Systems, Networking  
**Areas of Interest:** Network Security Engineering

## EXPERIENCE

- **IBM** Jun 2025 - Jul 2025  
*Project Internship* Remote
  - Built a **Customer Lifetime Value (CLV) prediction model** to forecast customer behavior
  - Developed interactive dashboards using Streamlit to visualize insights and support business decisions.
- **Baba Kedarnath Siksha Samiti** Jun 2024 - Jul 2024  
*Social intern/Content Developer* Chandauli, Uttar Pradesh
  - Assisted in planning and executing impactful community development programs.
  - Developed and maintained a responsive website for an NGO, enhancing user engagement and accessibility.

## PERSONAL PROJECTS

- **Weather App**  
*A React-based web application that provides real-time weather updates for any city.*
  - \* Technologies Used : React, JavaScript, HTML, CSS, OpenWeatherMap API
  - \* Concepts Implemented: API integration, state management with React Hooks, asynchronous data fetching, responsive design, dynamic UI updates.
- **Mini-SIEM (Log Analyzer for Intrusion Detection)**  
*Python-based a Security Information and Event Management system to detect suspicious activities in logs.*
  - \* Technologies Used: Python, Regex, CSV/JSON handling, OS, logging libraries, smtplib for alerts.
  - \* Concepts Implemented: Log parsing, pattern detection, rule-based alerts, real-time monitoring, intrusion detection, file I/O, automation.
- **Customer Lifetime Value Prediction**  
*A Streamlit web application predicting customer lifetime value using historical transaction data for actionable business insights.*
  - \* Technologies Used : Python, Streamlit, Pandas, NumPy, scikit-learn, Matplotlib/Seaborn
  - \* Concepts Implemented: Data preprocessing, predictive modeling, machine learning, data visualization, interactive dashboards, KPI calculation.

## EDUCATION

- **University of Petroleum and Energy Studies, Dehradun** (ongoing)2023-2026  
*Bachelor of Computer Applications (BCA) Cyber security* Cgpa: 7.14
- **GTB Khalsa Senior Secondary School** 2022-2023  
*Punjab State Education Board (PSEB), Punjab* Percentage: 87.6
- **SGHS Public School** 2020-2021  
*Central Board of Secondary Education(CBSE), Punjab* Percentage: 62

## ACHIEVEMENTS

- **Smart India Hackathon (SIH) 2025** Selected as a top team from 45 shortlisted out of 320+ teams.
- **Cybersecurity Conference** Attended a cybersecurity conference to learn latest security trends..

## CERTIFICATION

- **LetsUpgrade:** React Bootcamp
- **EdiGlobe:** Cyber Security
- **TCS iON:** Career Edge - Young Professional
- **Infosys:** Learning Microsoft Power BI