

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

Remote

Project Internship

– 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

Chandauli, Uttar Pradesh

Social intern/Content Developer

– 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