Chakshu Agarwal
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SUMMARY

Results-driven BCA graduate with strong technical expertise in SQL, Java, Python, and Web Development. Skilled in designing, developing, and maintaining efficient, user-focused applications. Demonstrates excellent analytical thinking, communication, teamwork, and problem-solving skills. Participated in the Smart India Hackathon, showcasing innovation and the ability to deliver impactful solutions. Passionate about traveling and capturing moments, which enhances creativity, observation, and attention to detail.

ACADEMIC DETAILS

YEAR	DEGREE / EXAM	INSTITUTE	GPA / MARKS (%)
2022- 2025	BCA	Graphic Era University	7.7
2021-2022	12TH C.B.S.E	ST. Francis School	76%
2019-2020	10th C.B.S.E	ST. Francis School	67%

TECHNICAL SKILLS

- **Programming Languages:** Java, C, Python, JavaScript, HTML, SQL, CSS
- **Web Backend Development:** React.js, Node.js, Express.js
- **Database Storage:** MySQL
- **Machine Learning and Data Science:** Scikit-learn, Pandas, NumPy, Matplotlib, TensorFlow

SOFT SKILLS

Creativity, Problem solving, Clarity of thinking, Communication skills, Networking and Interpersonal skills

PROJECTS

1. Sales Data Analysis Dashboard (April, 2024 – May, 2024)
Analyzed retail sales data to identify revenue trends, seasonal patterns, and top-performing products. Performed data cleaning and exploratory data analysis (EDA) using Python. Built an interactive Power BI dashboard showcasing KPIs such as total revenue, monthly growth, and region-wise sales performance.
Tech Stack: Python, Pandas, NumPy, Power BI, Excel

2. E-commerce Order Insights Project (August, 2024 – September, 2024)
Performed comprehensive analysis on e-commerce order data to identify delivery delays, customer segments, and revenue contribution. Cleaned and transformed large datasets, created dashboards,

and generated actionable insights to improve logistics performance and customer satisfaction.
Tech Stack: SQL, Python, Pandas, Power BI, Excel

3. Attendance System using Face recognition (February 2023 – March 2023)

Developed a real-time attendance tracker using Python and OpenCV that automates identity verification via facial recognition. The system detects faces from a live camera feed, matches them against a database using Deep Learning, and automatically logs entry/exit times to a CSV/database, eliminating manual record-keeping.
Tech Stack : Python, OpenCV, Deep Learning, CNN, CSV/SQL.

4. Gem Stone Classification (May 2023 – June 2023)

Built a Deep Learning model using Python and CNNs to automatically identify gemstone varieties from images. Leveraged TensorFlow and OpenCV to analyze visual features like color and texture, achieving high classification accuracy to streamline inventory management.
Tech Stack : Python , TensorFlow/Keras, OpenCV, NumPy

Certifications & Courses

- **Front end developer(react) – HackerRank**
- **Microsoft Azure Ai Essential – LinkedIn learning**
- **Getting started with Node.js -SimpleLearn**
- **React essential Training – LinkedIn learning**