

KHAJAN BHATT

Full Stack Developer — JavaScript, Python and C++

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Summary

Full Stack Developer with hands-on experience building web applications. Designed and implemented scalable features, optimized backend processes, and REST APIs. Solved **750+ DSA problems - LeetCode Knight (2075 max.)** and **CodeChef 3-star (1653 max.)**, strengthening algorithmic depth and coding efficiency.

Technical Skills

Programming Languages: C++, Python, JavaScript, C
Web & Backend Technologies: React, Tailwind CSS, FastAPI, Flask, HTML, CSS
Databases: MongoDB, MySQL, PostgreSQL
DevOps & Tools: Docker, CMake, Git, GitHub, GitLab, Postman

Projects

HunarBazaar: E-Clothing Platform | React, Tailwind, FastAPI, MongoDB, C++, Docker, scikit-learn **Jan 2025**

- Architected a **multilingual, role-based luxury e-commerce platform** supporting buyer, seller, delivery-agent, and admin portals with secure, scalable workflows.
- Designed a **FastAPI-based backend** implementing JWT authentication, HTTP-only cookies, OAuth login, and Redis-backed OTP verification, ensuring secure session management and access control.
- Built a **custom AES-128 encryption system in C++** (CMake-based) to generate encrypted QR codes for delivery verification, enabling role-based decryption and secure last-mile tracking.
- Optimized backend and rendering pipelines to achieve an average **server latency of 123.85 ms** and **Speed Index of 2.34**, improving transaction throughput and user engagement.

Saarthi: Disaster Relief System | React, CSS, Flask, FastAPI, MongoDB, scikit-learn, pandas, NumPy **May 2025**

- Developed a **dual-portal disaster management platform** for 500+ civilians and emergency response officials, enabling **instant alerts, real-time notifications, and coordinated disaster relief operations**.
- Integrated GeoLocation, OpenWeatherMap, and OpenStreetMap APIs, improving situational accuracy by 35%.
- Designed a resource distribution engine optimizing relief allocation, reducing emergency response time by 40%.

Education

Graphic Era Hill University **Aug 2023 – May 2027**

Bachelor of Technology in Computer Science | 9.5 GPA

Bhimtal, Uttarakhand

Saraswati Academy **Jul 2022**

Intermediate | 95.6%

Haldwani, Uttarakhand

Saraswati Academy **Jul 2020**

Matriculation | 96%

Haldwani, Uttarakhand

Online Profiles

 Codolio

 LeetCode

 GitHub

 CodeChef

 Codeforces

 LinkedIn

Achievements & Extracurriculars

- Achieved **LeetCode Knight (2075)**; **CodeChef 3-star (1653)**; Codeforces **Pupil (1320)**, with strong algorithm design and code optimization skills.
- Solved **750+ DSA problems** across major platforms; consistent performance across medium-hard problem sets.
- Qualified **GATE 2026 (CS)** with AIR **1625**, demonstrating strong core CS fundamentals.
- Secured **1st Rank** in 1st year at GEHU Bhimtal (**CGPA: 9.66**).
- Ranked in the **Top 1% (All India)** in NPTEL's "Data Structures and Algorithms Design" course.
- Ranked in the **Top 5% (All India)** in NPTEL's "AI: Knowledge Representation and Reasoning" course.

Relevant Coursework

- Data Structures and Algorithms
- Software Engineering
- Computer Networks
- Object-Oriented Programming
- Database Management
- GUI Programming
- Full Stack Web Development
- Artificial Intelligence
- Machine Learning