

ABHIJEET

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OBJECTIVE

I am a dedicated engineering student with a passion for problem-solving and software development. Throughout my academic journey, I have honed my skills in Data Structures and Algorithms (DSA) and have a strong foundation in various programming languages such as Java, Python, and C++. I enjoy tackling complex coding challenges and finding efficient solutions to optimize performance.

EDUCATION

B.Tech in Computer Science & Engineering

Chandigarh University

📅 CGPA: 7.78

📍 2022-2026

Senior Secondary Examination CBSE - Class XII

The Vedic Era Progressive School , Haryana

📅 Percentage: 94%

📍 2021-2022

Higher Secondary Examination CBSE - Class X

The Vedic Era Progressive School , Haryana

📅 Percentage: 92%

📍 2019-2020

TECHNICAL SKILLS

Programming Languages: C++, Python, JavaScript

Data Structures & Algorithm

Web Designing

Technologies/Frameworks/Libraries: HTML, CSS, ReactJS, Node.js, MongoDB, PHP , Express.js, Tailwind CSS .

EXPERIENCE

Indian Oil Corporation Limited

➤ Key Points

- Collaborated with Indian Oil Corporation's backend development team to enhance and maintain critical systems and applications.
- Contributed to the design and development of backend functionalities to support various projects and initiatives within the organization.
- Worked closely with cross-functional teams to ensure seamless integration of frontend and backend components for optimal system performance.

➤ Learnings

- Gained valuable experience in working on large-scale backend systems and applications in a corporate environment.
- Enhanced my skills in backend development, including database management, API integration, and system optimization.
- Learned how to collaborate effectively with team members and stakeholders to deliver high-quality solutions on time.

CERTIFICATIONS

- Introduction to R Language
- Introduction to Relational Database
- Introduction to C++
- Data Structures in C++
- Database and SQL for Data Science and Python
- Cloud Computing (Through Swayam-NPTEL)

PROJECTS

Amazon Clone

- Technologies used - **HTML, CSS, JavaScript, React**.
- Developed a fully functional e-commerce website clone of **Amazon** using **HTML, CSS, JavaScript, and React**.
- Integrated user **authentication**, product listing, shopping cart functionality, and checkout process to mimic the **core features** of the **Amazon platform**.
- Utilized **React components** and state management to build a **dynamic and interactive user interface** for seamless navigation **and user experience**.

TrekNavigator

- Utilized **HTML, Tailwind CSS, and ReactJS** to build a responsive and interactive web application.
- Developed and deployed an advanced Travel Companion Application using **Google Maps API**.
- Integrated specialized **Rapid APIs**, including **Travel Advisor API**, for real-time data on restaurants, hotels, and attractions.
- Designed an intuitive User Interface using **Material UI** and **Tailwind CSS** for a visually appealing experience.
- Spearheaded the implementation of advanced data filtering algorithms, increasing search accuracy and enhancing information presentation for users.
- Incorporated a loader for seamless user experience during API data retrieval.
- Successfully put in **geolocation, place searching, and data fetching functionalities** using **Google Maps API**.

Map Navigation

- Technologies used - **C++, Data Structures** .
- Developed a **Map navigation algorithm** using advanced Data Structures and Algorithms (DSA) concepts in C++.
- Integrated **Real-world map** data to create a functional and practical navigation system.
- Implemented **Graph** data structures to represent maps and **optimize pathfinding algorithms**.
- Conducted thorough **testing** and **debugging** to ensure the algorithm's reliability and **performance**.
- Documented the project thoroughly for **Future reference** and maintenance purposes.

INTERESTS

- Sports - Football , Cricket , Swimming
- Love to Listen Music
- Volunteering