

Abhinav Singh Mehra

Abhinav_LinkedIn
Abhinav07_GitHub

Mobile : +91 8171141495
abhinavsinghmehra@gmail.com
[My Portfolio Website](#)

Professional Summary

Organized and self-motivated engineer with a proven track record of building scalable, high-performance applications. I bring hands-on expertise in SQL, Python, and modern web technologies including React.js and Next.js. With practical experience in database management, agile development, and machine learning. Continuously updating my skills through projects, online bootcamps and courses, I drive innovation by leveraging emerging technologies. As a reliable team player and independent contributor, I thrive throughout the entire software development lifecycle to deliver impactful solutions.

Skills & Technologies

Programming Languages :	C, C++, Java (OOP, Multithreading, Collections), Python, JavaScript
Libraries/Frameworks :	React.js, Next.js, Node.js, Express.js, TailwindCSS, Flask
Databases :	MySQL (Joins, Normalization, Indexing,etc), PostgreSQL, MongoDB
Front-End :	HTML, CSS, JavaScript, Fask, TailwindCSS
Soft Skills :	Leadership, Problem Solver, Team Player, Strong Communicator, Adaptable

Experience

Current - Intern in SUEZ India

- Developed and optimized seamless data transfer between servers using SQL and Python to enhance efficiency.
- Automated data integration & merging processes, reducing manual efforts and consistency across databases.
- Leveraged Microsoft Azure for cloud-based database management, improving scalability and system reliability.

Oasis Infobyte | FullstackIntern

- Developed a full-stack application allowing students to post problems, submit solutions, and rate problems.
- Led a collaborative team effort to architect and implement the website using tools.
- Designed optimized SQL queries for efficient data retrieval and performance improvement.

CodeClause | Data Science Intern

- Developed various data science projects and utilized development tools effectively..
- Implemented CRUD operations, transaction management, and stored procedures for smooth data handling.
- Used JDBC for database interaction and designed relational database schema for better performance.
- Utilized SQL for data retrieval and preprocessing in machine learning projects.

Education

B.Tech in Computer Science Engineering Graphic Era Hill University, Dehradun (2020 - 2024)

Dehradun, India , Oct 2020 - 2024

- Presented research paper on "Machine Learning Weather Forecast."
- Best Amateur Speaker in college model events.

Haldwani, Uttarakhand, India

Class XII – CBSE

2019 - 2020

Projects / Open-Source

[My Portfolio Website](#)
[and Links to projects](#)

Portfolio Website with Next.js and Framer Motion

- Designed and animated Portfolio Website with **Next.js ,Framer Motion , Tailwindcss, Typescript**
- Beautifully animated portfolio website that is used to present the about the user and display their skills and projects , achievements, and tells about the user
- Designed and developed highly responsive frontend user interfaces utilizing the of Next.js, Framer Motion

Projects MR.S | Movie Recommendation System

- Designed and developed a web-based recommendation system to suggest movies based on user.
- Using the machine learning and the large data set of the movies will recommend the movies based on the movies they have already selected using **Python , machine learning and streamlit** .
- Designed and developed website for the user to get the recommendation on the basis of the users.

CryptoHome | Website to track and Analyse Crypto using React.js , Node.js

- Website and app that tracks digital currency markets and provides fundamental analysis. It offers a comprehensive toolset for tracking crypto prices, market cap, and other data, and provides insights into market trends.
- Designed and developed highly responsive frontend user interfaces utilizing the power of **React.js**
- Designed a website that fetches data from CoinGecko i.e **CoinGecko api**, gets all the updated data insights

Library Management System (Java & MySQL)

- Developed a Java-based system to manage book rentals using JDBC and MySQL.
- Implemented user authentication, book availability tracking, and SQL optimization for fast queries.