

BAKUL ARORA

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SUMMARY

Aspiring Software Developer skilled in Python, SQL, Java, Data Structures & Algorithms. Strong analytical and problem-solving ability with a quick learning mindset. Passionate about leveraging data to generate insights and support decision-making. Eager to contribute and create an impact that matters.

EDUCATION

MEERUT INSTITUTE OF ENGINEERING AND TECHNOLOGY

Bachelor of Technology

Major in Computer Science and Engineering (Artificial Intelligence)

Cumulative GPA: 7.41/10

Relevant Coursework: Computer Network, Software Engineering; Operating Systems; Algorithms; Artificial Intelligence

Meerut, UP

Expected July 2026

MOUNT LITERA ZEE SCHOOL

Intermediate in (PCM) - 83%

Secondary School (Class 10) – 88%

Meerut, UP

July 2022

July 2020

UNIVERSITY PROJECTS

ESTATEEASE

Jun 2025

- Developed a full-stack **Real Estate Finder** app using **React.js**, **Tailwind CSS**, **Node.js**, **Express**, **MongoDB**, and **Firebase**, enabling users to browse and post property listings with intuitive UI/UX.
- Deployed frontend on **Vercel** and backend on **Render**, achieving seamless integration and reducing deployment time by over **50%**.
- Integrated **Firebase Storage** to handle **user-generated image uploads**, supporting previews and validation for enhanced listing quality.
- Implemented **Firebase Authentication** to manage secure user login/signup via email-password, ensuring smooth onboarding and data protection.

AI-COURTROOM

May 2025

- Developed a **full-stack legal advisory platform** using **React.js**, **Tailwind CSS (Vercel)** for frontend and **Spring Boot**, **MySQL (Render)** for scalable backend architecture.
- Integrated **Python-based AI models (NLP libraries like spaCy, Transformers)** for automating legal document analysis and generating context-aware case suggestions.
- Enabled users to **upload case details and receive AI-driven legal insights** with ~90% accuracy in test scenarios using domain-specific datasets.
- Designed a **role-based secure login system** supporting multiple users (lawyers, clients, admin) and real-time access to legal precedents.

ADDITIONAL

Technical Skills

- **Programming Languages:** Java, JavaScript, Python
- **Frameworks & Libraries:** React.js, Express.js, Node.js, Tailwind CSS
- **Database & Web Technologies:** MongoDB, SQL, MySQL, HTML, CSS
- **Tools & Platforms:** Git, GitHub, Postman, VS Code, Render, Vercel
- **Data Structures & Algorithms:** Proficient in DSA using Java; familiar with problem-solving on LeetCode

Languages: Fluent in English and Hindi

Certifications & Training:

- Deloitte Cyber Security Job Simulation – Forage
 - Deloitte Data Analytics Job Simulation – Forage
- | Credential ID: n7ubBLSrrKgvYQKST

| Credential ID: NzvWuaboXcPAKZ3C9