

VIVEK VAISH

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ACADEMIC DETAILS

B.tech CSE (AIML), Galgotias University	Expected 2026
CGPA: 7	
BRB Model School	2022
Percentage: 85.4%	
BRB Model School	2020
Percentage: 75.8%	

EXPERIENCE

- AIML INTERNSHIP (VIRTUAL)** October 2024 - December 2024
 - Engineered high-precision AI models for face recognition and object detection, enhancing accuracy by 15% through advanced deep learning techniques.

TECHNICAL SKILLS

- Programming Languages:** Python, Javascript, Typescript, Java, C, C++
- Web Technologies:** React.js, Next.js, TailwindCSS
- Backend Technologies:** Node.js, Express.js, Firebase
- Tools:** Git, Postman, Docker

PROJECTS

- Search & Ranking Algorithm for User Matching - Python, Scikit-learn, Pandas** January 2025
 - Developed an advanced rule-based ranking system to dynamically sort and prioritize search results based on experience, rating, and user preferences.
 - Implemented multi-criteria filtering that allows users to search by name, location, and multiple skills, supporting flexible and precise queries.
 - Designed a dynamic sorting algorithm enabling users to rank search results by experience, rating, or both simultaneously, improving result relevance.
 - Optimized query performance for large datasets, ensuring real-time search and sorting with minimal latency.
- Autobook - Typescript, Google Firebase, Shadcn/UI, TailwindCSS** July 2024
 - Developed a dynamic note-taking application using React.js and Redux for an interactive and state-managed frontend, enhancing user productivity.
 - Engineered a secure and scalable backend using Firebase, integrating Firestore for real-time data storage and Firebase Storage for efficient file management.
 - Integrated a third-party email service to automate note generation email notifications, improving user engagement and communication.
 - Standardized data structures and API contracts using TypeScript interfaces, resulting in a 25% decrease in data-related bugs.

ACHIEVEMENTS

- Participated & developed an RL-based price optimization model in a Code Kshetra 2.0 hackathon, leveraging Q-learning and ML simulations to maximize sales and conversions.
- Completed a certified web development course, mastering modern frameworks and tools.