

VIVEK VAISH

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ACADEMIC DETAILS

B.tech CSE (AIML), Galgotias University
CGPA: 7

Expected 2026

BRB Model School
Percentage: 85.4%

2022

BRB Model School
Percentage: 75.8%

2020

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.