Ajay Parbhane

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EDUCATION

Vidya Pratishthan's Kamalnayan Bajaj Institute of Engineering and Technology
Bachelor of AI&DS Engineering   *Jan. 2022 – June 2026*

B.P.H.E Society's Ahmednagar College
Maharashtra State Board of Secondary and Higher Secondary Education(Class XII) April. 2021 – July 2022

Kendriya Vidyalaya No. 2 MIC&S Ahmednagar
CBSE (Class X)   *April. 2019 – July 2020*

PROJECTS

Portfolio Website / *Node.js, React.js, Express.js,* (**Host**) (Link)   20 Dec 2024 — 30 Dec 2024
- Developed a responsive portfolio website using React.js, Node.js, and Express.js to showcase projects and skills.
- Built dynamic UI components with React.js, ensuring an interactive and user-friendly experience.
- Created secure backend APIs with Node.js and Express.js to manage form submissions and user interactions.
- Deployed the application on an online platform (Render) to ensure high performance and accessibility.
- Created a dedicated "Contact Us" page with a functional form to handle user inquiries securely through backend APIs.

Voting System / *Node.js, MongoDB, Postman, VS Code, Javascript,*   15 Oct 2024 — 25 Oct 2024
- Developed and managed RESTful APIs using Node.js to handle voting data, including creating, reading, updating, and deleting (CRUD) operations.
- Integrated MongoDB as the database for storing client voting data, ensuring efficient data management.
- Used Postman to test API endpoints for POST, GET, and DELETE requests, verifying data integrity and operational accuracy.
- Managed data storage and updates in MongoDB, ensuring smooth interaction between client-side requests and the backend system.

Hotel Management System/ *Node.js, MongoDB, Postman, VS Code,*   25 Aug 2024 — 5 Sep 2023
- Built backend APIs to handle hotel operations, such as storing food menus, client names, and other relevant data.
- Implemented CRUD functionality to allow for dynamic changes to hotel-related information using MongoDB for database management.
- Utilized Postman for API testing, ensuring that requests such as POST, GET, DELETE, and PUT were functioning as expected.

Spotify Clone / *HTML, CSS, Javascript*   25 July 2024 — 1 Aug 2024
- Created a fully responsive clone of Spotify with key features like play/pause functionality, next/previous track, volume control, and a hamburger menu for mobile compatibility.

Netflix Clone / *HTML, CSS*   05 July 2024 — 10 July 2024
Designed a pixel-perfect replica of the Netflix website interface, using modern HTML and CSS practices to ensure responsiveness across devices.

TECHNICAL SKILLS

Languages: C++, Java, HTML, CSS, Tailwind CSS, Javascript   **Tools**: VS Code, GitHub, Postman
Frameworks: Node.js, Express.js, React.js, Bootstrap   **Databases**: MYSQL, MongoDB
Tools: VS Code, GitHub, Postman
Technologies: RESTful APIs, CRUD Operations, Backend Development, NoSQL Databases, API Testing

DSA Experience

- Solved 100+ DSA problems on LeetCode in C++ and Java, focusing on algorithms, dynamic programming, and data structure optimization.

- Completed 100+ DSA problems on Coding Ninja, strengthening problem-solving skills and algorithm efficiency in both C++ and Java.