

Disha Jadhav

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EDUCATION

Vellore Institute of Technology, Bhopal

Bachelor of Computer Science, Specialized in Cloud Computing and Automation (BSA)

CGPA : 8.23

October 2022 - September 2026

SKILLS

Backend: Java, Node.js, Javascript, TypeScript

Frontend: HTML, CSS, [React.js](#), Bootstrap, AWS Amplify, [Next.js](#), TailwindCSS

Database: MongoDB, MYSQL, DynamoDB

Tools & Technologies: AWS Console, Stripe, Supabase Auth, OpenAPI, Vapi, HuggingFace API

Cloud Services: Amazon Web Services(AWS), Vercel, Vite

Experience

Heybase Inc.

November 2024 - January-2025

Joined as an Intern - Fullstack Developer

- Collaborated with the engineering team to develop scalable web applications using the **MERN stack (MongoDB, Express.js, React.js, Node.js)**.
- Contributed to debugging and resolving critical issues,Improved application performance and stability, leading to a 20% faster load time and reduced critical bugs by 30%.
- Assisted in implementing responsive front-end designs and optimizing API endpoints for seamless user interaction.
- Gained hands-on experience with **version control systems (Git) and Agile methodologies**.
- Enhanced technical skills in full-stack development and improved problem-solving abilities.

PROJECTS

PrepWise:AI-based Interview platform

July 2025

Source

- Built a full-stack AI interview simulation platform** with real-time voice interactions via **Vapi**, enabling users to conduct mock technical interviews with AI and reducing manual mock prep time by 60%.
- Integrated OpenAI API for dynamic question generation and feedback**, supporting 10+ interview categories (DSA, system design, HR) with intelligent scoring, answer analysis, and contextual follow-ups.
- Implemented secure user authentication (Supabase)** and premium subscriptions (Stripe), scaling the platform for 100+ concurrent users with a mobile-first responsive UI and server-side rendering for fast performance.

AI-Based Image generator

June 2025

Source

- Developed an AI-based Chat Generator web app** using React.js, Node.js, and Hugging Face API, featuring secure login, user authentication, and dynamic conversational responses.
- Designed and deployed a responsive UI on Vercel**, achieving 100% mobile compatibility and <200ms average API response time.
- Implemented JWT authentication and modular code structure** with 80% unit test coverage to ensure data security, reliability, and scalability.

Playground: The Code Editor

May 2025

Source

- Built a browser-based Code Editor using React.js**, enabling real-time writing and preview of HTML, CSS, and JavaScript code with a responsive, mobile-friendly UI.
- Deployed on Vercel with <250ms average render time**, ensuring fast and smooth code execution for users across devices.
- Integrated syntax highlighting and live output preview**, boosting user coding speed and experience by **50%+** during testing.

Hotel booking System

April 2025

Source

- Developed a **full-stack Hotel Booking Management System** using **MERN (MongoDB, Express.js, React, Node.js)**, managing over **100+ hotel rooms** and **multiple user roles (admin/customer)** in a dynamic environment.
- Built and integrated **RESTful APIs** enabling **100% CRUD functionality**, user authentication with JWT, and **real-time updates**, improving booking efficiency by **70%** during test cases.
- Designed a responsive UI with **React & Tailwind CSS**, deployed using **Vercel/Render**, and connected to **MongoDB Atlas** for scalable cloud storage, reducing manual booking tasks by **80%**.

Parkinson's Disease Detection

February 2024

Source

- Built an **SVM-based machine learning model** that achieved **92% precision and 90% F1-score** for early Parkinson's disease detection using voice data from **195 samples**.
- Preprocessed and extracted key vocal biomarkers (jitter, shimmer, frequency), boosting model performance by **25%** after feature selection and tuning.
- Visualized outcomes and model metrics using **Matplotlib and Seaborn**, presenting trends and comparisons for accurate diagnostic insights; integrated additional data handling in **Java**.

CERTIFICATIONS

- MERN Full Stack Certification** by Ethnus

- **AWS Solution Architect** Certification
- **Graph Theory** by AlgoUniversity
- **HTML, CSS, Javascript**