

# 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  
**Frontend:** HTML, CSS, [React.js](#), Bootstrap, AWS Amplify  
**Database:**, MongoDB, MYSQL, DynamoDB  
**Tools & Technologies:** Visual Studio, AWS Console  
**Cloud Services:** Amazon Web Services(AWS)

## 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

**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
- **JAVA Complete Course**
- **HTML, CSS, Javascript**
- Fundamentals of AI and ML
- Python Essential