

DISHA JADHAV

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SUMMARY

Enthusiastic and detail-oriented Computer Science Engineering student specializing in Cloud Computing and Automation. Skilled in **C++, Java, Python, SQL, and MERN stack with hands-on experience in full-stack web development, machine learning, and scalable software solutions**. Adept at object-oriented programming, data structures, and algorithms. Eager to contribute to innovative tech projects and collaborative development environments.

EDUCATION

VIT BHOPAL UNIVERSITY, BHOPAL, MADHYA PRADESH

[Aug 22-May 26(expected)]

- Bachelor of Technology (B.Tech) in **Computer Science Engineering** specialization in **Cloud Computing and automation**;
- CGPA: 8.2 out of 10.00

SICA SENIOR SECONDARY SCHOOL, INDORE, MADHYA PRADESH

- Senior Secondary School in **Mathematics and Science**; CBSE CGPA: 8.0/10 [Mar 21-Jul'22]
- Higher Secondary School; CBSE CGPA: 9.0/10 [Mar 19-Jul'20]

PROJECTS

Hotel Booking System

[April 25]

- 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

[Feb 24-May 24]

- 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**.

Security Guard Management System

[Aug'23-Nov'23]

- Designed a full-stack system managing **50+ guards**, automating **80%** of scheduling and reporting tasks using **Python, Django, and PostgreSQL**.
- Integrated real-time incident tracking and communication, reducing manual logs and response time by **40%** through effective RESTful API design.
- Improved operational efficiency and admin control with optimized dashboards, leading to **30% faster shift assignments** and reduced scheduling errors.

EXPERIENCE

Heybase Inc.

[Nov'24-Jan'25]

- **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.

ACHIEVEMENTS & SKILLS

CERTIFICATIONS:

- **JAVA Complete Course** on Udemy [Ongoing]
- **HTML, CSS, JAVASCRIPT** by Johns Hopkins University(Coursera) [Dec 23]
- **Fundamentals of AI and ML** on VITYarathi [May 23]
- **Python Essential** on VITYarathi

CLUBS AND RESPONSIBILITIES:

- Hostel discipline committee
- Dance club
- Cloud Computing Club

TECHNICAL SKILLS:

- **Languages:** C++, Java, Python, SQL
- **Web Development:** HTML, CSS, JavaScript, React.js, Node.js, Express.js
- **Frameworks/Tools:** Django, REST APIs, Git, MATLAB, PostgreSQL
- **Cloud & Automation:** Basics of Cloud Computing, Agile methodology, CI/CD (if applicable)
- **Data Analysis & ML:** scikit-learn, Pandas, NumPy, Matplotlib

ADDITIONAL

- Trained Classical Dancer (**Diploma in Kathak**) from RTMU University, Indore [Aug'13-May'18]
- **Languages:** Fluent in Hindi, English; **learning japanese**; Conversational proficiency in Marathi