

# Bhavyansh Jain

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## EDUCATION

### VIT Bhopal University

B.Tech in Computer Science and Engineering

Sehore, MP

Oct 2022 - June 2026

## EXPERIENCE

### Software Engineering Virtual Experience

Virtual

J.P. Morgan — Forage

Sep 2024 - Oct 2024

- Overhauled a financial data pipeline, improving processing efficiency by 40%.
- Debugged and resolved 15+ critical issues, enhancing real-time trading application accuracy by 30%.
- Optimized JPMorgan Chase's Perspective library, accelerating high-frequency data stream rendering by 2x.
- Developed a modular frontend architecture, increasing UI responsiveness by 50%.

## PROJECTS

### Elysium — React.js, Express.js, PostgreSQL, Node.js

Aug 2023 - Oct 2023

- Developed a restaurant website, boosting user engagement by 40%.
- Designed a reservation system, processing 120+ monthly bookings with 99% success rate.
- Integrated EmailJS for automated notifications, decreasing manual intervention by 70%.

### Health-AI — Flask, scikit-learn, HTML/CSS, JavaScript, pandas

Jan 2023 – Mar 2023

- Developed a symptom-based disease prediction web app using Flask and a trained SVM model with ~85% accuracy.
- Integrated ML outputs with dynamic frontend templates to display diagnosis, precautions, medications, workouts, and diet plans.
- Utilized pandas for structured healthcare data handling and optimized form-based input parsing for robust predictions.

### Signature Pad — HTML5, CSS, JavaScript

May 2023 - June 2023

- Designed a signature capture tool with PNG, JPG, and PDF export, utilized by 500+ users.
- Enhanced rendering speed by 25%, improving app responsiveness for touchscreen interactions.

## LEADERSHIP AND ACTIVITIES

### • Creative Co-Lead — Cisco Community VITB

Oct 2023 – Mar 2024

- Spearheaded creative initiatives, engaging 70+ members.
- Developed branding materials, increasing community reach and engagement.

## CERTIFICATIONS

- The Bits and Bytes of Computer Networking (Coursera)
- Figma Design Course (Udemy)
- Microsoft Excel Advanced (Udemy)
- Java (Basic) Certificate (HackerRank)
- Alpha Batch (DSA with Java) (Apna College)

## TECHNICAL SKILLS

- **Languages:** Java, JavaScript, Python, HTML, CSS, TypeScript, Dart
- **Frameworks:** Flutter, React, Tailwind, FastAPI
- **Tools & Platforms:** Git, Figma, Canva, Microsoft Office Suite, Prolog, Adobe Photoshop, GitHub, UI/UX, Docker, Postman, JIRA
- **Databases:** PostgreSQL, MongoDB
- **Concepts:** Data Structures, Algorithms, Object-Oriented Programming, System Design
- **Soft Skills:** Adaptability, Quick Learning, Communication, Cross-functional Collaboration