Bhavyansh Jain

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EDUCATION

VIT Bhopal University **Sehore, MP**
B.Tech in Computer Science and Engineering *Oct 2022 - June 2026*

EXPERIENCE

Software Engineering Virtual Experience **J.P. Morgan — Forage**
Virtual *Sep 2024 - Oct 2024*

- Re-engineered a complex financial data pipeline, boosting processing efficiency by 40%.
- Resolved 15+ critical bugs in the repository, enhancing real-time trading application accuracy by 30%.
- Optimized JPMorgan Chase's Perspective library to render high-frequency data streams 2x faster.
- Designed a modular frontend architecture that improved UI responsiveness by 50%.

PROJECTS

Elysium — React.js, Express.js, PostgreSQL, Node.js **Aug 2023 - Oct 2023**

- Architected a feature-rich restaurant website, enhancing user engagement by 40%.
- Engineered a reservation system processing 120+ bookings monthly with a 99% success rate.
- Integrated EmailJS for automated notifications, reducing manual intervention by 70%.

Health-AI — Python, TensorFlow, scikit-learn, MongoDB, React.js **Jan 2023 - Mar 2023**

- Developed a machine-learning healthcare model achieving 87% diagnostic accuracy.
- Optimized API endpoints to handle 200+ daily requests, reducing latency by 35%.

Signature Pad — HTML5, CSS, JavaScript **May 2023 - June 2023**

- Designed an intuitive signature capture tool with PNG, JPG, and PDF export, used by 500+ users.
- Enhanced rendering speed by 25%, making the app 2x smoother for touchscreen interactions.

LEADERSHIP AND ACTIVITIES

- **Creative Co-Lead — Cisco Community VITB** *Oct 2023 – Mar 2024*
  - Directed and coordinated creative initiatives, driving engagement among 70+ members.
  - Strategized and executed branding materials, amplifying the community's 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, Excellent Communication, Orchestrated cross-functional collaborations