

HARSH RAJ

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LinkedIn

GitHub

Education

- **B.Tech, CSE (Health Informatics), VIT Bhopal (Sept 2022 - May 2026) - CGPA: 8.57**
- **Class XII, D.A.V. Public School, Patna (2021) - 86.4%**
- **Class X, D.A.V. Public School, Patna (2019) - 87.8%**

Work Experience

Intern, Visyntro (July - Aug 2024)

- Managed company datasheets, scheduled meetings, communicated with clients, and updated progress reports.
- Automated workflows, reducing manual reporting efforts by **30%**.

UI/UX Designer, VroomVerse (Jan - June 2023)

- Designed a complete UI for the website, improving page load speeds by **20%**.
- Enhanced user navigation flow, leading to a **15%** increase in engagement.

Contributor, Social Summer of Code (May - July 2023)

- Collaborated with **8000+ developers** on open-source projects, contributing to the **DL Simplified** repository.
- Merged **4 pull requests** focusing on documentation, bug fixes, and feature enhancements.
- Improved repository documentation clarity, increasing contributor engagement by **25%**.

Technical Skills

- **Languages:** Python, JavaScript, C++, HTML, CSS
- **Technologies:** ML, Deep Learning, Computer Vision, TensorFlow, React.js, Next.js, Node.js
- **Tools:** Git, Docker, AWS, Postman, Figma, SQL, MongoDB

Projects

Admin Dashboard with Syncfusion

- Developed a feature-rich admin dashboard using **React.js**, Syncfusion UI components, and Tailwind CSS.
- Implemented real-time data visualization, reducing data retrieval time by **40%**.
- Integrated role-based authentication, improving access control and security.

Full-Stack Social Media Application

- Built a scalable social media platform using **MERN stack** (MongoDB, Express, React, Node.js).
- Features user authentication, profile management, image uploads, likes, comments, and real-time interactions.
- Optimized database queries, reducing API response time by **35%**.

Extracurricular Activities

Core Team, Data Science Club and Dance Club

- Led PR initiatives, secured sponsorships, and organized **5+ workshops**, increasing participation by **50%**.

Certifications

- **Web Development** (Coursera, Dec 2023)
- **Learning C++ Pointers** (LinkedIn, Sep 2022)
- **Python Essentials** (Vityarthi, Jan 2023)

Achievements

Karnataka State Police Datathon

- Reached the **semi-finals**, ranking **top 6 of 250 teams**.
- Developed an **AI-based traffic optimization model**, reducing congestion estimation errors by **20%**.