

Narendra Singh Chouhan

📞 8085038179 | ✉ narendrachouhan.dev@gmail.com | [🌐 LinkedIn](#) | [Portfolio](#) | [🐙 GitHub](#)

TECHNICAL SKILLS

Languages: Java, JavaScript, TypeScript, Python, C++

Frameworks and Libraries: React.js, Next.js, Node.js, Tailwind CSS

Databases and Cloud: MongoDB, MySQL, Firebase, AWS

Other Skills: Git, Web Development, RESTful APIs, Data Analysis, AI Agents

EXPERIENCE

IoT Club | Core Member – Design & TECHNICAL Team | VIT Bhopal

October 2024 – January 2025

BACK-END TYPESCRIPT | NEXT | MONGODB

- Optimized IoT project infrastructure with SSR and API caching, streamlining workflows and reducing manual effort by 85%.

FRONT-END TYPESCRIPT | NEXT

- Built a complete UI from scratch, integrating key tools, boosting FCP by 40%, and enhancing user accessibility.

DESIGN LEAD ADOBE ILLUSTRATOR

- Led a Python team to develop MVP features and core tools, boosting process efficiency by 74% through automation.

YOUTUBE INDIA | VIDEO EDITOR | RAJKOT, REMOTE

September 2024 – April 2025

CONTENT EDITING ADOBE PREMIERE PRO | AFTER EFFECTS

- Edited and optimized video content, enhancing engagement and improving audience retention for a YouTube channel with 50k+ subscribers.

VISUAL ENHANCEMENTS MOTION GRAPHICS | VFX

- Implemented advanced visual effects and motion graphics, increasing content appeal and boosting viewership by 35%.

PERSONAL PROJECTS

VTOP SHORTCUT: VIT PORTAL HELPER | CHROME EXTENSION

January 2025 – January 2025

- Launched an enhanced VTOP portal with quick-access shortcuts, a GPA calculator, dark mode and productivity tools for a seamless user experience.
- Boosted accessibility with instant timetable, attendance, and grades view, alongside a smart GPA calculator.
- Link: [//VTOPShortcut](#)

SPENDWISE: EXPENSE TRACKER | MERN STACK APPLICATION

January 2024 – March 2024

- Created Spend Wise, a budgeting and expense tracking web app with real-time tracking, interactive charts, and an AI-powered summary for seamless financial management.
- Link: [//SpendWise](#)

QUIZ GENERATOR: PDF TO QUIZ GENERATOR | MERN STACK APPLICATION

March 2023 – May 2023

- Built an AI-powered quiz generator that extracts text from PDFs, identifies key concepts, and creates customizable quizzes using NLP.
- Link: [//Quiz-generator](#)

ACHIEVEMENTS

CYBERNEX HACKATHON

- Recognized with 1st place for developing a secure file upload system that encrypts data during transfer and storage, ensuring privacy and protection.
- Advanced cybersecurity innovation through practical application, demonstrating excellence in data security and encryption techniques.

VOLUNTEERING

- Started a chapter at my school, increasing student participation and awareness by 3-4 schools.

EDUCATION

VELLORE INSTITUTE OF TECHNOLOGY, BHOPAL

May 2022 – June 2026

B.Tech in Computer Science and Engineering

Bhopal, Madhya Pradesh

CGPA: 8.65/10