Narendra Singh Chouhan

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TECHNICAL SKILLS

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

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

DevOps and Tools: Git, Docker, GitHub, AWS

Databases: MongoDB, MySQL

Concepts: Application Development, REST APIs, Data Structures and Algorithms, Artificial Intelligence

EXPERIENCE

IoT Club | *Core Member – Design & TECHNICAL Team* | *VIT Bhopal* | *Full Stack*   *October 2024 – January 2025*

BACK-END TYPESCRIPT | NEXT | MONGODB
- Engineered IoT project infrastructure with SSR and API caching, streamlining workflows and reducing manual effort by 85%.

FRONT-END TYPESCRIPT | NEXT
- Architected a complete UI from scratch, integrating key tools, boosting FCP by 40%, and enhancing user accessibility.

DESIGN LEAD ADOBE ILLUSTRATOR
- Designed posters, social media graphics and event banners with Adobe Illustrator and Canva, boosting event engagement by 60%.

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%.

PROJECTS

VTOP SHORTCUT: VIT PORTAL HELPER | *Chrome Extension*   *January 2025 – January 2025*
- Enhanced VTOP portal with quick shortcuts, GPA calculator, and productivity tools for better UX and user experience.
- Increased accessibility by providing instant views of timetable, attendance, and grades, integrated with a smart GPA calculator.
- Link://***VTOPShortcut***

CAMPUS CONNECT: CROSS PLATFORM APP | *React Native&Firebase*   *March 2025 – May 2025*
- Integrated gamification features into the mobile application, such as points and badges for active participation, boosting student engagement by over 60% based on user activity metrics.
- Reduced data latency by 60% for 50+ concurrent users using Firebase Realtime DB.
- Link: //***Campus-Connect***

PERSONAFORGE: AI PERSONA PLATFORM | *Full-Stack AI Platform (React + Node.js + Supabase)*   *June2025 – August 2025*
- Developed a full-stack AI persona platform enabling video generation, voice synthesis, and real-time AI chat using modern web technologies.
- Constructed a reusable component library with React 18 and TypeScript, leading to a 20% decrease in development time for subsequent feature implementations across the AI platform.
- Link://***personaforge.social***

ACHIEVEMENTS

PROJECT EXHIBITIONS
- Top-5 Contributor (#4), ACWOC '25 (Android Club VIT); 25+ PRs to 3 Android & web open-source projects.
- Deployed three AI-powered automation workflows on Oracle Cloud Infrastructure (OCI), decreasing manual data entry by 60% and freeing up 15 hours per week for the data analytics team.

EDUCATION

VELLORE INSTITUTE OF TECHNOLOGY, BHOPAL   **May 2022 – June 2026**

B.Tech in Computer Science and Engineering   *Bhopal, Madhya Pradesh*

CGPA: 8.66/10

Course Work: Intermediate DSA, Software Engineering, Operating Systems, Cloud Computing, Computer Networks, ML