

Nishchay Rajput

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EDUCATION

Indian Institute of Technology Bhilai

Bachelor Of Technology in Computer Science and Engineering

Bhilai, India

2022 - 2026

EXPERIENCE

Full Stack Engineer

Phinite.ai | (Remote)

April 2025 - Now

Durg, India

- Building a mobile and web-based MVP for an AI-driven conversational workflow platform.
- Developed using the MERN stack (MongoDB, Express.js, React.js, Node.js) for web, and Kotlin/Java (Android) & Swift (iOS) for native mobile apps.
- Contributing to full-stack integration and early-stage product direction.

Project Intern

Under Dr. Dhiman Saha | IIT Bhilai

May 2024 - July 2024

Durg, India

- Built a Flutter-based attendance app for 1000+ students with secure ID card data capture and Made-in-India USB token integration, enhancing verification and fraud prevention.
- Integrated USB token authentication and encryption in a P2P video conferencing app; collaborated with CDAC to develop robust token-based security solutions.

PROJECTS

Feedback System | Github

April 2025 – Present

- Developed a digital feedback portal using Next.js to streamline anonymous student feedback, replacing manual paperwork and improving efficiency across departments.
- Integrated token-based validation and real-time analytics dashboards, enabling faculty to make data-driven decisions based on structured feedback insights.

SAR Image Colorization | Github

October 2024 – November 2024

- Implemented a deep learning model to colorize grayscale SAR images for better visual interpretation from a research paper.
- Enhanced SAR image usability for geological and environmental analysis.
- Applied image processing and neural networks to improve feature visibility in remote sensing.

Chcommune | Blogs Website | Admin Website | Demo | Github

Nov 2023 – Feb 2024

- Created a comprehensive full-stack Blogs web application leveraging Node.js and Express.js for backend functionality and React for the frontend, ensuring seamless user experiences.
- Implemented Google OAuth for authentication and utilized cloud services for scalable database infrastructure.
- Build an Admin Panel for the website, for efficient management of all tasks, achieving 100% task control and oversight through a centralized interface.

Smart Payment System | TIH IIT Bhilai

Sept 2023 – March 2024

- Created a payment system for over 1200 members of IIT Bhilai, allowing them to use their ID cards for payments.
- Established a transparent transaction system for vendors, administration, and students; enhanced trust and fairness, reducing disputes by 40% and increasing overall satisfaction.
- This system keeps track of all mess-related payments made each day.

Polaris Website | IIT Bhilai | Link March 2023 – July 2023

- Polaris is the go-to guide for 10,000+ JEE Advanced qualifiers excited about joining IITs. It offers a deep dive into campus life and helps navigate the admissions process smoothly.
- Transformed Polaris website from static HTML/CSS to Node.js, enriching functionality.
- Revamped website UI/UX, optimizing code for performance and implementing a sleek, modern design. This resulted in a 25% increase in user engagement. .
- Relevant Skills : Node.JS, Git, Github, Sass

TECHNICAL SKILLS

Languages: C, C++, JavaScript, TypeScript

Frontend: HTML, CSS, React.js, Tailwind CSS, Flutter, Next.js, PHP

Backend & Databases: Node.js, Express.js, Firebase, MongoDB, MySQL

DevOps & Cloud: Docker, Jenkins, Kubernetes, Bash Scripting, GCP (Basic)

Tools & Platforms: Git, GitHub, GNU Debugger, LaTeX, Markdown