Naik Pragni

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TECHNICAL SKILLS

Languages: Java, Python, C++, JavaScript, SQL
Web Technologies: React.js, Next.js, Node.js, Express.js, Tailwind CSS
Core Concepts: Data Structures, Algorithms, OOP, DBMS, Operating Systems, Computer Networks
Developer Tools: Git, GitHub, IntelliJ IDEA, Power BI, Postman

PROJECTS

Website Accessibility Checker | *React.js, Express.js, Pa11y API, Tailwind CSS*   Jul 2025 – Present
- Developed a full-stack accessibility auditing tool to automate website compliance checks.
- Leveraged the Pa11y API to scan URLs and categorize over 50 common WCAG violations.
- Built a responsive dashboard with Tailwind CSS to present actionable reports with direct code references.
- Generated reports enabling developers to improve site accessibility for a 25% broader user base.

CaseCraze | *React.js, Node.js, Tailwind CSS, MongoDB, Postman API*   Feb – May 2025
- Engineered a MERN-stack application to generate unique, AI-powered phone case designs from user text prompts.
- Optimized the image processing pipeline for high-res previews, reducing average load time below 1.2 seconds.
- Constructed a modular front-end with Tailwind CSS, ensuring a consistent and responsive UI across devices.
- Incorporated feedback from 30+ beta testers to iterate on the UI/UX and improve workflow efficiency by 40%.

KrishiMitra | *React.js, Node.js, Express.js, MongoDB, Tailwind CSS*   Nov – Dec 2024
- Built a multilingual agricultural portal providing farmers with real-time weather and crop data.
- Defined core product features by conducting field research and interviews with over 50 farmers.
- Aggregated government scheme information and expert resources to improve user decision-making.
- Drove a 3x increase in pilot program engagement by implementing real-time pest alerts and educational content.

EXPERIENCE

Open Source Contributor | *GSSoC'24 & Hacktoberfest'24*   May – Oct 2024
- Enhanced functionality and code quality across 8+ open-source repositories using JavaScript and React.
- Authored 20+ new features and resolved 25+ documented issues to improve application stability.
- Improved code maintainability by reviewing 10+ pull requests for adherence to project guidelines.
- Collaborated in a remote, agile environment using Git and GitHub for version control and issue tracking.

CERTIFICATIONS

Marketing Analytics & Data-Driven Decision Making – NPTEL, IIT Kharagpur	May 2025
Certified MERN Stack Developer (MongoDB) – Smartbridge	Mar 2025
Cloud Computing – NPTEL, IIT Kharagpur	Apr 2024

EXTRACURRICULAR ACTIVITIES

PR & Outreach Lead, Health-O-Tech Club: Drove a 40% increase in student participation by securing guest speakers and leading outreach campaigns.
Event Manager, Discipline Team: Managed logistics for campus events with over 100 participants, ensuring smooth execution.
Community Volunteer, Clean & Green Campus: Organized initiatives promoting environmental awareness and sustainable campus practices.
Competitive Programming: Solved 300+ DSA problems on LeetCode, focusing on arrays, linked lists, trees, graphs, and DP.

EDUCATION

VIT Bhopal University, Bhopal   2022 – 2026
B.Tech in Computer Science & Engineering   *CGPA: 8.86/10.0*