

TANMAY WAGH

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PROFESSIONAL SUMMARY

Ambitious Computer Science student and Full Stack Developer with a strong foundation in the MERN stack, Next.js, and competitive programming. Demonstrated ability to architect scalable web applications, from responsive frontends to AI-integrated backends. Proven problem-solver recognized as a LeetCode Knight (Top tier rating), seeking a software development internship to contribute clean, production-ready code to impactful engineering projects.

TECHNICAL SKILLS

- **Languages:** JavaScript, TypeScript, Python, Java, C++, HTML5, CSS3
 - **Frontend:** React.js, Next.js, Tailwind CSS, Figma
 - **Backend & Databases:** Node.js, Express.js, MongoDB, MySQL, Flask
 - **Tools & Platforms:** Git, GitHub, Vercel, Streamlit, Postman
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EDUCATION

Government College of Engineering, Nagpur (GCOEN)

B.Tech in Computer Science and Engineering | Expected Graduation: 2028

SOFTWARE PROJECTS

Personal Portfolio Website | *Next.js, Tailwind CSS, Vercel*

- Architected and deployed a highly responsive, single-page developer portfolio to showcase software engineering projects and technical capabilities.
- Implemented modern UI/UX principles utilizing Tailwind CSS for a mobile-first design, ensuring cross-browser compatibility and fast load times.
- Streamlined deployment pipelines using Vercel for continuous integration and rapid iteration.

SakhiSecure (AI Safety Platform) | Python, Flask, Machine Learning, MySQL

- Engineered a comprehensive safety application featuring real-time location tracking and immediate emergency alert systems.
- Integrated predictive risk analysis utilizing Scikit-Learn and Groq AI to enhance proactive user support and incident reporting capabilities.

WorldSim (Regional Simulation Platform) | React, TypeScript, Python, PyTorch

- Developed an advanced multi-agent simulation platform combining climate modeling, economic systems, and AI governance.
- Utilized the MAPPO algorithm to simulate 10+ regional agents effectively competing for resources in a dynamically rendered environment.

HONORS & ACHIEVEMENTS

- **Hackathon Runner-Up:** Secured 2nd place at the Jhulelal Institute of Technology Hackathon alongside Team Agastya for developing a high-impact technical solution under strict time constraints.
- **LeetCode Knight:** Achieved a peak competitive programming rating of 2,011, placing in the top percentile of global developers, and maintained a 100-day algorithmic problem-solving streak.

EXTRACURRICULAR ACTIVITIES & LEADERSHIP

- **Member, Student Association Board (SAB):** Collaborate with peers and faculty to organize departmental events, technical workshops, and foster a strong engineering community on campus.
- **Volunteer, National Service Scheme (NSS):** Actively participate in community outreach programs, including organizing logistics and facilitating successful local blood donation drives.

Strategic Career Coach Feedback

Recommended Project Ideas to Add in the Future:

1. **Full-Stack SaaS with Payment Integration:** Build a micro-SaaS product (like an AI resume reviewer or a specialized productivity tool) using Next.js and integrate Stripe for handling subscriptions. This demonstrates your ability to

handle business logic and third-party financial APIs, which is highly sought after.

2. **Cloud-Deployed Microservices Application:** Create a backend-heavy application (like an inventory management system) and containerize it using Docker. Deploy it on AWS (EC2 or Lambda). Having hands-on cloud and containerization experience on your resume will significantly boost your profile for enterprise-level internships.

Improvements for Making the Resume Stronger:

- **Quantify Everything:** As you continue iterating on projects, add concrete metrics. For example, instead of "fast load times," aim for "reduced page load time by 40% achieving a 98 Lighthouse score."
- **Open Source Contributions:** Since you don't have formal job experience yet, contributing to open-source repositories on GitHub is the fastest way to get "real world" experience on your resume. Adding a section for "Open Source Contributions" shows recruiters you know how to read complex codebases and collaborate with senior engineers.