

Subham Karmakar

Full Stack Web Developer

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Professional Summary

B. Tech Computer Science student at Adamas University with a strong passion for **full stack web development**.

- Proficient in building responsive, scalable web applications using **React.js**, **Next.js**, **Node.js**, and Tailwind CSS.
- Hands-on experience developing AI-powered solutions by integrating external APIs such as Google Gemini.
- Skilled in version control using **Git** and collaborating through **GitHub** in team-based workflows.
- Learning new technologies, with strong communication, leadership, and public speaking skills
- Actively seeking internship opportunities to contribute to real-world projects while expanding technical expertise.
- Experienced in deploying projects using platforms like Vercel, collaborating across tools such as VS Code, Cursor, WARP, and PyCharm
- Familiar with agile development, **RESTful APIs**, and debugging practices to ensure clean, maintainable code

Work Experience

- **Adamas University - Frontend Developer** August 2025 – Completed
Redesigned and optimized the departmental website of Adamas University, improving page load speed by 75%, enhancing mobile responsiveness, and increasing overall user engagement and navigation efficiency.

Technical Skills

- **Languages:** JavaScript, C, C++, MySQL, PostgreSQL
- **Frameworks & Libraries:** React.js, Next.js, Node.js, Tailwind CSS, GSAP, Framer Motion, React Hooks
- **Database & Tools:** MongoDB, Git & GitHub, Vercel, VS Code, Warp, PyCharm, Supabase, Neon

Projects

- **Portfolio Website:** A personal portfolio website designed and developed to showcase my full-stack web development skills. Built with React and Vite for a fast, responsive interface, featuring an integrated **admin panel** that reduced update time by **70%**. Integrated **Spotify Web API** for dynamic media content and **Cloudinary for optimized asset delivery**, improving page load speed by **45%**. Backend deployed on Render and frontend hosted on Netlify for **99.9%** uptime and seamless scalability.
Tech Stack: React, Vite, Supabase, Tailwind CSS, Spotify Web API, Cloudinary, Render, Netlify. [Live](#)
- **DSA Visualizer:** An interactive platform to visualize complex Data Structures and Algorithms, enhancing conceptual understanding for learners. Built using **Next.js** and **Tailwind CSS** for a clean, responsive interface, and **GSAP** animations for **60%** smoother transitions. Deployed on Vercel for ultra-fast load times and global CDN coverage, achieving consistent sub-second response times.
Tech Stack: Next.js, Tailwind CSS, GSAP, Vercel. [Live](#) | [Github](#)

Achievements and Certifications

- Got Selected in **Smart India Hackathon Internals** from **150** Teams participating. **2025**
- Certified as **Full stack Web Developer** for completing the **97 hour** course on Udemy by Hitesh Chowdhury.
Credential ID: UC-f427f3a7-351a-41fc-91e4-510256962222

Hobbies

- Interests: Photography, UI Design, Gaming, Exploring technology.

