

# SUBHAM KARMAKAR

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## PROFESSIONAL SUMMARY

B.Tech Computer Science student at Adamas University with 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 and leading technical initiatives. Actively seeking internship opportunities to contribute to real-world projects.

## EDUCATION

### Adamas University

Bachelor of Technology in Computer Science | Expected 2028

Kolkata, West Bengal

## TECHNICAL SKILLS

**Languages:** JavaScript, C, C++, SQL (MySQL, PostgreSQL)

**Frontend:** React.js, Next.js, Tailwind CSS, GSAP, Framer Motion, Redux Toolkit

**Backend & Database:** Node.js, MongoDB, Supabase, Neon, RESTful APIs

**Tools:** Git, GitHub, Vercel, VS Code, Warp, PyCharm

## WORK EXPERIENCE

### 0day Club - Adamas University

Aug 2024 - Present

Web Development Tech Lead

Adamas University

- Leading web development for 200+ member technical club, mentoring 15+ developers in React, Next.js, and responsive design
- Organized 10+ technical workshops on full stack development, increasing member engagement by 40%
- Spearheading development of club website and internal tools to enhance member collaboration

### Adamas University

Aug 2025 - Present

Frontend Developer

Kolkata, West Bengal

- Redesigned departmental website improving page load speed by 75% and reducing bounce rate by 35%
- Enhanced mobile responsiveness across all breakpoints ensuring consistent cross-device user experience
- Collaborated with cross-functional teams to implement feature enhancements and gather requirements

## PROJECTS

### Luxora E-Commerce Platform | React.js, Vite, Redux, Tailwind CSS, PayPal API

2024

- Built full-featured e-commerce application with React.js and Vite achieving 95+ Lighthouse performance score
- Implemented product catalog supporting 1000+ items with advanced filtering, search functionality, and shopping cart
- Managed application state with Redux Toolkit handling user authentication, cart operations, and checkout workflow
- Integrated PayPal SDK for secure payment processing with real-time transaction verification and order management
- Optimized performance through code splitting, lazy loading, and asset optimization reducing load time to under 2 seconds

### Apple 3D Product Showcase | Next.js, Tailwind CSS, React, GSAP, Vercel

2024

- Developed fully responsive product showcase using Next.js framework with server-side rendering and static generation
- Created 20+ reusable React components following modern design patterns and component-based architecture
- Implemented SEO optimization with meta tags, sitemap generation, and structured data achieving 100% SEO score
- Integrated GSAP animation library for smooth scroll effects and interactive user interface transitions
- Deployed on Vercel platform with CI/CD pipeline, automated builds, and global CDN distribution for optimal performance

## ACHIEVEMENTS

- Smart India Hackathon 2025 Internal Finalist - Top 10 in Software Category among 150 teams
- Certified Full Stack Web Developer - 97-hour Udemy course (Credential: UC-f427f3a7-351a-41fc-91e4-510256962222)
- Delivered 15+ technical presentations demonstrating strong communication and leadership skills