

Sarthak Gupta

+91 9457507789 | sarthakg043@gmail.com | [Linkedin](#) | [Github](#)
New Delhi, India

Education

- Bachelor of Technology in Computer Science and Engineering with specialization in Cyber Security from IIIT Kottayam, Kerala Status – Final Year

Internships

Frontend Developer, Welldone Health, Pune Maharashtra May 2025 – Present

- Developed responsive and interactive UI components using HTML, CSS, JavaScript, and React.js to enhance user experience on the health platform.
- Engineered high-performance components with React.js, including a handwritten prescription canvas using React Canvas API, boosting input precision resulting in 50% increase in Doctor's productivity.
- Built interactive features like OTP authentication and QR-based login using JavaScript and WebSocket, enabling seamless cross-device access via tablets and TVs for nursing and management staff
- Styled complex UI components with Next.js, Typescript and Ant Design customization, enhancing visual consistency and improving user satisfaction by 25% on client platform.
- After a workflow conflict with a fellow intern, proactively created GitHub code management documentation and implemented a CI/CD pipeline using AWS Amplify, turning feedback into a team-wide solution now adopted as a company standard for faster collaborative development.

Web Developer, Laika AI, Gurugram Haryana December 2024 – February 2025

- Redesigned and refactored legacy web app using React and React Design Patterns aligned with industry best practices, resulting in a 5x more scalable and maintainable front-end codebase.
- Implemented advanced Plotly and Trading chart visualizations, and built intuitive UI/UX components for seamless crypto analysis and tracking resulting in 25% reduction in analysis time.
- Built a responsive chat interface styled using Tailwind CSS for real-time user interaction and AI-powered assistance, improving engagement and support efficiency.
- Developed a dynamic crypto screener interface that provided instant market insights and trend analysis, enabling traders to make faster, data-driven decisions helping them cut down hours of research into real-time, actionable insights.

Projects

Anonymous Chat Application – MERN Stack spyboyssg.com

- Built a secure, real-time anonymous chat platform handling 700+ concurrent users, enabling fast and private messaging using Socket.io and WebSocket.
- Designed a mobile-first, responsive UI with React.js, HTML/CSS, and Shadcn, improving accessibility across all devices and developed a scalable backend with Express.js and MongoDB, ensuring high performance and reliability under user load.
- Implemented JWT authentication with browser fingerprinting to prevent impersonation and multi-login misuse, enhancing platform security.
- Deployed on Vercel and Render with a CI/CD setup for seamless updates and high uptime.

Honors and Awards

- SIH 2023 National Grand Finalist - Ranked in top 1% among 264,000 participants December 2023
- Secured 3rd position among 100+ contestants in Zcrypt CTF challenge January 2024

Leadership Experience

Community Lead, DefCon DC911, Delhi, India September 2024 - Present

- Coordinated events for 3,000+ cybersecurity professionals; Increased participation by 60%

Sub Lead, Betalabs Technical Club, IIIT Kottayam India October 2023 - September 2024

- Executed 5 technical workshops reaching 700+ developers; Maintained 95% satisfaction rate