

Sarthak Vitmal

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Education

Pillai College of Engineering, Maharashtra, India
Bachelor of Technology in Computer Engineering
GPA: 8.15/10.0 (Through Semester 6)

Nov 2022 – May 2026

Experience

Software Developer (Intern), Upride Network Private Limited

July 2025 – Present

- Contributed to full-stack development using React.js, Next.js, and Node.js.
- Developed key features including content moderation tools and user engagement tracking.
- Optimized backend APIs and collaborated in agile team development processes.

Full Stack Developer (Intern), Bytefuse Infotech

April 2025 – June 2025

- Developed full-stack features for client projects using React.js, Tailwind CSS, and Next.js.
- Ensured responsive design and optimized backend performance for web applications.

Technical Head, Computer Society of India - PCE Chapter

Aug 2024 – Present

- Led a team of 8+ members to organize 15+ technical events, workshops, and hackathons.
- Developed and maintained the official CSI PCE website using React.js, Node.js, and MongoDB, serving 500+ active users.

Skills

- **Programming Languages:** Java, Python, JavaScript, TypeScript
- **Frameworks Libraries:** React.js, React Native, Next.js, Node.js, Express.js, Flask, Prisma, TailwindCSS, tRPC, RESTful APIs
- **Databases:** SQL, MongoDB, PostgreSQL, Firebase
- **Tools Platforms:** Figma, Docker, Hoppscotch, Postman, Thunder Client
- **Other Skills:** Agile Development, Full-Stack Development, API Design, Responsive Web Design
- **Soft Skills:** Collaboration, Problem Solving, Analytical Thinking, Adaptability, Resilience, Communication, Leadership

Projects

White Lotus Hospital | [Link](#)

- Developed a full-stack hospital management system using React.js, Node.js, and MongoDB for handling over **500+** patient appointments and medical records.
- Implemented secure authentication, role-based access, and interactive dashboards, increasing administrative efficiency by **35%**.
- Key Skills: React.js, Node.js, MongoDB, REST APIs, JWT, Full-Stack Development

Upride | [Link](#)

- Built and deployed full-stack features using React.js, Next.js, Node.js, and MongoDB, introducing new functionalities on the website and dashboard.
- Enhanced analytics modules and data visualization, **increasing user engagement by 30%** and improving team productivity through real-time insights.
- Key Skills: React.js, Next.js, Node.js, Dashboard Development, Feature Implementation, API Development, Full-Stack Development

CII SHIELD – Parallel AV Scanning Solution for CII Entities | *Finalist – Smart India Hackathon (SIH) 2024* | [Link](#)

- Engineered offline antivirus engine using Docker, Windows Defender, ClamAV, and ESET with parallel scanning, **reducing scan time by 45%**.
- Designed centralized architecture with SSH integration and automated quarantine logic, **enhancing scalability by 25%**.
- Key Skills: Docker, Windows Defender, ClamAV, ESET, Parallel Processing, Cybersecurity

Achievements & Certifications

- **Finalist**, Smart India Hackathon (SIH) 2024 – Selected among top innovative teams nationwide.
- Solved **450+ coding problems** on LeetCode, demonstrating strong problem-solving and algorithmic skills.
- **Full Stack Web Development**, Apna College.
- **Decode Java and DSA**, PW Skills.