

Experience

Web Development Intern — [Srijan Web Pvt. Ltd.](#)

March '26 – Present

- Contributed to a **production-grade legal SaaS platform** inspired by large-scale legal research systems, designed for real client-facing business workflows and scalable high-traffic usage.
- Built and integrated **10+ frontend modules (React, Tailwind CSS, Axios, JWT auth)**, including dashboards, upload workflows, and secure auth flows, while integrating and testing **20+ REST APIs** across **80+ production endpoints**.
- Implemented **single-device session enforcement** (Netflix-style login restriction) using **Redis-backed session tokens**, ensuring only one active login per user account across devices at any given time.
- Containerized and set up the local dev environment using **Docker**; deployed and maintained the production server on **AWS EC2** behind **Nginx** as a reverse proxy; automated build/deploy pipelines with **GitHub Actions**.
- Worked with complex legal content hierarchies (**module** → **submodule** → **act** → **section** → **document**) and contributed to scalable system design for structured document management and search workflows.

Open Source Contributor — [CCExtractor](#)

- Contributed to a **GSoC organization** by fixing UI bugs, merging 10+ pull requests, and resolving 10+ issues.
- Improved **UI test coverage from 90% to 95%** by writing and adding new test cases across components.
- Navigated maintainer code reviews and incorporated feedback iteratively to pass **CI/CD checks**.
- Worked with **React, TypeScript, Node.js, Jest** and modern Git workflows in a collaborative open-source environment.

Skills

Programming: C++, JavaScript, TypeScript, SQL, OOPs, DSA
Frontend: React.js, Next.js, Tailwind CSS, HTML, CSS, Context API, React Hooks, React Router
Backend & Databases: Node.js, Express.js, REST APIs, JWT Authentication, WebSockets, MongoDB, MySQL, PostgreSQL
DevOps & Cloud: Docker, GitHub Actions, AWS (EC2, S3, IAM, Lambda, RDS, CloudFront), Nginx, Redis, CI/CD
Tools: Git, GitHub, Axios, Jest, Hoppscotch, VS Code, Debugging
Core CS: DBMS, Operating Systems, Computer Networks, Object Oriented Programming

Projects

Arogyam – Hybrid Disease Surveillance and Outbreak Detection System ([link](#))

- A full-stack geo-enabled disease surveillance platform integrating citizen, community worker, and hospital data.
- Designed 15+ REST APIs using Node.js, Express, and MongoDB Atlas with **role-based access control (RBAC)**.
- Built an **AI-powered chatbot** to assist citizens with symptom reporting and health queries, improving data accuracy.
- Developed an **ML-based outbreak detection engine** that analyzes real-time database records to identify disease clusters, visualized via geo-spatial **heatmaps** on an interactive map.

PingUp ([link](#))

- Built a real-time video conferencing platform using WebRTC with P2P architecture, 1:1 and group meetings, with <1s latency.
- Implemented video, audio, screen sharing, and in-call chat with Socket.IO–based signaling, achieving <3s call setup time.
- Deployed a secure HTTPS-enabled system on Render, tested with 5+ concurrent users and 20+ minute stable calls.

Wanderlust ([link](#))

- Built a portfolio-grade full-stack travel platform, serving 20+ users with 50+ listings and 50+ uploaded images.
- Implemented authentication and role-based authorization using sessions, cookies, and password hashing.
- Developed 10+ REST APIs following a strict MVC architecture with centralized error handling and Joi-validation.

Achievements

- Achieved a **peak LeetCode rating of 1700**, placing in the **top 15% globally** among competitive programmers.
- Earned **5-Star Gold Badge in C++** on HackerRank, demonstrating strong proficiency in core C++ concepts.
- Solved **500+ Data Structures and Algorithms problems** across LeetCode, HackerRank, and GeeksForGeeks.
- Selected as a Finalist at **EY Hackathon 2026** and ranked in the **Top 20 teams** at **Indradhanu Hackathon 2025**.

Certifications

- AWS Certified Cloud Practitioner – DataCamp (in partnership with AWS)
- GitHub Foundations Certification – GitHub
- SQL Intermediate Concepts – HackerRank

Education

- University Institute of Technology, RGPV, Bhopal**

Bachelor of Technology – Computer Science and Engineering — Grade: **7.42/10**
- Holy Family Convent Sr. Sec. School, Bhopal**

12th CBSE Board – **92%** (2023) — 10th CBSE Board – **93%** (2021)

Sep '23 – Aug '27