

PRASHANT SARASWAT

+91 9084648414 ◊ prashantsaraswat036@gmail.com ◊ [linkedin/prashantsaraswat036](https://www.linkedin.com/in/prashantsaraswat036) ◊ [github/Prashant0036](https://github.com/Prashant0036) ◊ prashantsaraswat.netlify.app

EDUCATION

Greater Noida Institute of Technology

B.Tech. in Computer Science Engineering – Data Science | SGPA: 8.23/10

Greater Noida, UP

2023 – 2026

Government Polytechnic Ghaziabad

Diploma in Information Technology | Aggregate: 80.24%

Ghaziabad, UP

2020 – 2023

TECHNICAL SKILLS

Languages: C++, Python, JavaScript, C, Java, SQL

Web: React.js, Next.js, Node.js, Express.js, HTML5, CSS3, Tailwind, REST APIs, FastAPI, Figma

Infra & DB: MongoDB, MySQL, PostgreSQL, Git, Redis, Docker, Kubernetes, AWS, Cloudinary

AI/ML & CS: Gen AI, Machine Learning, RAG, DSA, OOP, DBMS, OS, Computer Networks, System Design

WORK EXPERIENCE

Cadera Infotech

Onsite

Full Stack Developer

Feb 2026 – Present

- Engineered and maintained full-stack MERN applications, delivering scalable frontend components and RESTful backend services to support production-grade features.
- Led migration of React-based applications to Next.js, implementing SSR/ISR strategies, code optimizations, and API improvements that reduced response times by 20–30% and enhanced SEO.
- Collaborated cross functionally with engineering teams and product stakeholders to translate requirements into performant, maintainable code adhering to industry best practices.

AdMark Digital Media

Hybrid

Graphics & Web Designer

Sep 2023 – Jul 2024

- Developed 7+ responsive React.js user interfaces aligned with client branding requirements, improving page load performance and cross-device compatibility.
- Crafted and shipped low code marketing websites that contributed directly to digital marketing campaigns, supporting client acquisition and engagement initiatives.
- Produced graphic assets and UI mockups in Figma, improving UI-to-development workflow efficiency and ensuring pixel-accurate implementation.

PROJECTS

Logic Leet | *React, Node.js, Express, MongoDB, Redis, Judge0, Cloudinary* | [Live](#) | [GitHub](#)

Nov 2025

- Architected a full-stack competitive coding platform supporting multi-language code execution via Judge0 API, serving 100+ concurrent users with low-latency response using Redis caching.
- Implemented JWT-based authentication, role-based access control, and AI-powered doubt-solving using an integrated LLM, reducing average problem-solving time for users.
- Devised and deployed RESTful APIs with MongoDB ODM (Mongoose) for problem management, user submissions, and video solution delivery via Cloudinary CDN.

TB Risk-AI | *React, FastAPI, Python, MongoDB, Gemini LLM, VGG16* | [Live](#) | [GitHub](#)

Sep 2025

- Developed a full-stack AI healthcare platform using React, FastAPI, and MongoDB to perform tuberculosis risk assessment from symptoms, demographics, and patient history.
- Integrated Google Gemini LLM for multimodal medical report analysis and built a TensorFlow Lite (VGG16) chest X-ray classifier to assist TB screening and diagnostic recommendations.
- Implemented physician collaboration, PDF reporting, and clinical history tracking; published findings in a peer-reviewed paper. [\[Link\]](#)

CERTIFICATIONS

Machine Learning : Great Learning 

AWS for Beginners : Great Learning 

Fundamentals of Docker & Kubernetes : Scaler 

Career Essentials in Generative AI : Microsoft & LinkedIn 

Advanced Data Structure & Algo : IIT Kanpur 

Campus Solution Challenge : Google Developer Group 

RESEARCH & PUBLICATIONS

Research Publications

Published 2 Peer Reviewed Research Papers

- Reported findings on *AI-Based Tuberculosis Risk Assessment* demonstrating clinical ML application with LLM integration. [\[Link\]](#)
- Co-authored a technical paper on *Smart Campus Investigation System* covering IoT and data-driven infrastructure.

LEADERSHIP & ACHIEVEMENTS

Head of Technical Committee, Manan Club (Oct'23–Jul'24): Led technical setup for 5+ college-wide events, coordinating 10+ volunteers.

Anchor & Host, Abhivyakti (Jun'24–Present): Hosted Orientation Programs, HR Conclaves, and Academic Seminars.

Competitive Programming  : Solved 400+ problems on [LeetCode](#), [Codeforces](#), [GFG](#), and [HackerRank](#)

Honors: Best Project, Student of the Semester, Star Performer, Passionate Learner.

Hobbies: Playing Cricket, Watching Documentaries, Traveling, Volunteering, Yoga, Public Speaking, Designing