

Sritama Mitra

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EDUCATION

Kalinga Institute of Industrial Technology
Bachelor of Technology — Computer Science — CGPA: 9.83

Bhubaneswar, Odisha
Expected July 2027

Pramila Memorial Advanced School
ISC — 94.25%

Kolkata, West Bengal
May 2023

CERTIFICATES

Skyscanner Frontend Engineering Job Simulation

Forage

- Completed the Skyscanner Frontend Engineering Job Simulation using React, JavaScript, and modern frontend practices.
- Built reusable components with JSX and modern React patterns.
- Demonstrated proficiency in real-world frontend tasks through structured challenges.

Foundational Certificate in Programming and Data Science

Indian Institute of Technology Madras

- Completed an 8-course, 32-credit program covering mathematics, statistics, programming, and English.
- Studied topics such as Data Science Mathematics, Statistics, Computational Thinking, and Python.

TECHNICAL SKILLS

Languages: JavaScript (ES6+), HTML5, CSS3, Java, C, SQL

Frameworks & Libraries: React.js, Node.js, Express.js, Flask, Material-UI, Bootstrap, Tailwind CSS

Databases: MongoDB, MySQL, SQLite

Developer Tools & Platforms: Git, GitHub, VS Code, Postman, REST APIs, Render

PROJECTS

WanderLust – Travel Listings Platform (Live Demo)

Node.js, Express, MongoDB, EJS

- Built a full-stack travel platform where users can create accounts, add travel listings, and write reviews with authentication and authorization handled via Passport.js.
- Designed and implemented 3 MongoDB collections (**Users, Listings, Reviews**) with schema relationships, validation, and CRUD operations.
- Integrated Leaflet.js to display map-based listings and used Cloudinary to manage over 500 uploaded images.
- Developed 15+ RESTful API routes for listings, reviews, and user management, improving backend organization and testability.
- Deployed the application on Render with MongoDB Atlas, configured environment variables, and monitored logs for consistent uptime.

ParkPoint (Live Demo)

Flask, SQLite, HTML/CSS

- Built a full-stack parking web application supporting over 100 users per day across both user and admin dashboards.
- Enabled users to search, book, and release parking spots in near real time, with average booking flow under 30 seconds and automated payment calculation.
- Designed and managed five SQLite tables for users, parking lots, bookings, payments, and administration; achieved 98% uptime and average query response times under 200 ms.

ACHIEVEMENTS & AWARDS

Academic Excellence

- Secured the KIIT Merit Scholarship, ranking among the top 3 out of 5,000+ students.
- Awarded the Pramila Smriti Prize (2022–2023) for distinguished academic and extracurricular performance among 200+ peers.

Extracurricular Activities

- Trained in Bharatnatyam for seven years and honed recitation skills, earning the Ratna Certificate for excellence and cultural dedication.

Hackathons & Competitions

- Ranked in the top 45 of 200+ teams in the Smart India Hackathon 2024 by contributing innovative technical solutions.
- Shortlisted for the ICDCIT Hackathon 2025, selected from 300+ teams for delivering a working solution within the competition timeframe.

EXPERIENCE

Pinnacle Labs — Web Development Intern

- Delivered 2 web development projects using modern technologies, creating interactive and responsive user interfaces aligned with best practices.
- Refined user interfaces by implementing responsive features, reducing navigation delays and improving usability.

Hacktoberfest '24 — Contributor

- Enhanced frontend features and data structures; merged five pull requests across multiple repositories to improve overall functionality.
- Collaborated with over seven global communities to refine code quality, maintain standards, and adopt open-source best practices.

Kodessa — Web Development Team Member

- Collaborating with a 5-member team on the ongoing development of the official KODESSA website, focusing on UI design and implementing responsive layout changes to enhance user engagement.