

SATYABRATA NAYAK

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Education

Ramrao Adik Institute of Technology (RAIT), D. Y. Patil Deemed to be University

2026

B.Tech in Computer Science & Engineering

Navi Mumbai, India

Experience

Blueplanet Infosolution Pvt. Ltd.

Jan 2026 – Jun 2026

Data Analyst & Project Coordinator Intern

Pune, India

- Led **Project Management** and coordination across data initiatives: built project plans, drove **Milestone Tracking**, and ran **Internal Stakeholder Management** to keep distributed teams aligned.
- Built and delivered dashboards using **Business Intelligence Tools** (Power BI) surfacing KPIs and **Reports & Reporting** anomalies, cutting ad-hoc requests significantly.
- Served as primary point of contact for **Stakeholder Relationship Management**; performed root cause analysis on data-quality issues and led **Escalation Management** proactively.
- Automated data pipelines (Python + SQL) to drive **Operational Excellence**, applying validation procedures before every stakeholder handoff.

Grok Learning Pvt. Ltd.

Jan 2023 – Jun 2023

IoT Systems Intern

Navi Mumbai, India

- Coordinated hardware and software teams via end-to-end **Implementation Planning** and **Logistics Coordination**, successfully shipping IoT prototypes on tight timelines.
- Developed algorithmic solutions for real-time device communication, leveraging data analysis to debug **Information Systems** and validate sensor output.

Projects

FaceAttend – Face Recognition Attendance System | TypeScript, Node.js, face-api.js, Excel

Apr 2026

- Owned full project lifecycle (requirements → deployment) using **artificial intelligence / machine learning**-based face descriptors; offline, privacy-first design with no photos retained.
- Excel-based attendance logs (no DB installation) made the system immediately usable by non-technical stakeholders; one-click launcher via start.bat runs 100% in-browser.
- Tuned face-api.js detection thresholds through root cause analysis of false-positive matches, improving reliability of real-time capture.

2D Floor Plan → 3D Model Pipeline | Python, Blender API

Aug – Nov 2025

- Led the geometry-processing module in a 3-person team; applied **process automation** to convert flat 2D architectural drawings into fully rendered 3D models, cutting manual modelling time significantly.
- Ran project planning and managed cross-team dependencies under deadline pressure, iterating on output-consistency metrics.
- Produced project documentation covering pipeline configuration and edge cases, enabling teammates to extend the tool independently.

Civic Complaint Management Portal | Python, Flask, SQLite, Leaflet.js

Nov 2024

- Built an end-to-end citizen portal with complaint submission, interactive map pin-drop (Leaflet.js), ward-based routing, and an admin resolution dashboard for **reporting** and tracking.
- Owned backend API design, database schema, and deployment scheduling – measuring success by complaints successfully routed and resolved.
- Added real-time status tracking, improving **customer service** responsiveness for citizens and officials and cutting follow-up queries.

Paws & Claws – Pet Adoption Platform | HTML, CSS, JavaScript, SQL

Apr – Nov 2023

- Delivered a publicly live adoption platform connecting Mumbai-area shelters with adopters – sole owner of scope, design, and deployment; measured by real-world adoption outcomes.
- Designed a responsive browse-and-filter UI (species, age, location) usable by non-technical shelter staff without training, supporting day-to-day customer service needs.
- Managed ongoing maintenance and listing updates post-launch to keep shelter data accurate.

Technical Skills & Certifications

Project Management & PMO: Project Management, PMO, Implementation Planning, Milestone Tracking, Change Request Management

Operations & Logistics: Business Operations, Global Operations, Logistics Coordination, Asset Management, Operational Excellence

IT & Support: Information Systems, Applications Support, Help Desk Support, Work Order Management, Billing Systems, Quickbase

Data & BI: Business Intelligence Tools (Power BI), Reports & Reporting, Data Analysis, SQL, Python

Stakeholder Mgmt: Internal Stakeholder Mgmt, Stakeholder Relationship Mgmt, Escalation Management

Core Skills: Effective Communication, Teamwork, Accountability, Responsibility, Organization, Research

AWS: Cloud Architecting & Cloud Foundations

Power BI: Data Analyst – edX

AI/ML: Skill Ladder

[View all certificates](#)

Extracurricular & Leadership

RAIT Tech & Innovation Exhibition: Presented project to visitors from 19 countries; attracted interest from representatives of 17 countries.

Innovation & Incubation Committee, RAIT: Supporting student startup initiatives and early-stage product development. Volunteered for RAIT Horizon Student Union Council (Tech Fest creative & design).