

PREM KAKADE

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Career Objective

To obtain a Data Science or Machine Learning internship where I can apply my skills in Python, ML/DL models, predictive analytics, and full-stack development to solve real-world challenges. As a Smart India Hackathon 2024 finalist with hands-on experience in AI-driven projects, I aim to contribute to impactful solutions while continuously expanding my technical expertise.

Internship

NPCIL (TAPS) — Internship cum Training

2025

Built and improved the Vehicle Requisition System: feature development, DB design, and workflow automation.
Improved process efficiency for internal request handling and reporting.

Projects

SevaFlow — BRSR Automation Platform (SIH 2024 Finalist) (GitHub)

- Led development of an NLP-powered automated BRSR reporting system, selected for the Smart India Hackathon 2024 Grand Finale.
- Built a high-performance Next.js platform with intelligent ESG extraction and dynamic dashboards.
- Developed a cross-platform React Native app with offline data entry, AI-driven form filling, and IoT integrations.

VoiceHub — AI-Powered Civic Issue Reporting Platform (WebCode 2.0 Hackathon)

- Developed an AI-driven MERN + MapLibre platform enabling anonymous civic issue reporting with automated image analysis and description generation.
- Implemented AI-based issue validation to filter fake reports and ensure accurate civic escalation.
- Automated posting of verified issues to Twitter with a real-time MapLibre dashboard for city-wide visualization.

CryptoBot — AI Trading Assistant

- Developed an AI-powered Telegram bot providing personalized trading strategies and sentiment-based insights.
- Integrated real-time risk alerts and portfolio-driven recommendations for investors.

Predictive Modeling Projects

- **House Price Prediction:** Achieved 95% accuracy using advanced regression algorithms.
- **Concrete Strength Prediction:** Developed a 92% accurate ensemble ML model.
- **Solar Power Forecasting:** Created ML-based forecasting models for energy optimization.

Education

St. John College of Engineering & Management - (SJCEM)

B.E. in Computer Science and Engineering (Data Science) (2023 – 2027)

- CGPA: 9.63/10

Technical Skills

- **Languages:** Python, JavaScript, TypeScript, C++, C
- **AI/ML:** TensorFlow, Scikit-learn, NLP
- **Data Tools:** Pandas, NumPy, Matplotlib, Seaborn, Tableau
- **Web/Mobile:** React, Next.js, Node.js, FastAPI, React-native-expo
- **DevOps/DB:** Git, Github, MongoDB, MySQL

Certifications

- Machine Learning Specialization — Testriq QA Lab (Dec 2024)
- Prompt Engineering for AI Applications — Testriq QA Lab (Dec 2024)
- Database Management Systems- Infosys Springboard
- Java Programming, DSA Essentials- Infosys Springboard
- AIML & Data Science – Eduskills (in collaboration with Google & Altair)

Honors & Awards

- Smart India Hackathon (SIH) 2024 — Grand Finalist
- Table Tennis Player — Competed in multiple tournaments; secured 3rd Prize
- UDAAN Festival — Consolation Prize in Street Play, University of Mumbai

ADDITIONAL INFORMATION

- **Profiles:** Codeforces , LeetCode , GeeksforGeeks , HackerRank , GitHub (14+ repos)
- **Languages:** English and Hindi (Fluent); Marathi (Native); German (A1 – Basic Proficiency)
- **Leadership:** Treasurer (2025–Present) & Technical Team Member (2024–2025) at OADS; Innovation Coordinator at IIC, SJCEM