Prem Bhaga Kakade

Data Science Engineer | Python

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SUMMARY

A second-year B.Tech student in Computer Science and Engineering (Data Science) at St. John College of Engineering & Management, University of Mumbai (Graduating 2027, GPA: 9.91). Proficient in Python, SQL, and AI-driven problem-solving, with expertise in data analysis, machine learning algorithms, and predictive modeling. Skilled in data visualization, automation, and handling large datasets. Passionate about leveraging AI and data science to drive innovation and solve real-world challenges.

INTERNSHIP

Data Science Intern

Altair   10/2024 - 12/2024

- Worked with real-world datasets to develop predictive models and data-driven insights.
- Utilized Python, R, and Altair's proprietary tools for data visualization and decision-making.

EDUCATION

Bachelor of Technology in Computer Science and Engineering (Data Science)

St. John College of Engineering and Management, University of Mumbai, Palghar, Maharashtra

GPA- 9.91   2023-2027

HSC in Science (Information Technology)

S.D.S.M Junior College, Palghar, Maharashtra

Percentage- 77%   2023

CERTIFICATION

Advanced ML Model Development with Python, Workshop

Workshop by Testriq QA Lab

Prompt Engineering for AI Applications, Workshop

Workshop by Testriq QA Lab

DBMS, Data Structures, Java, etc Certification

Certification by Infosys Springboard

ACHIEVEMENTS

- Grand finalist, Smart India Hackathon (SIH) 2024
- Consolation prize at UDAAN festival, in Street play , organized by University of Mumbai
- Scored 72 out 100 in MAHA-IT Genius Competition

PROJECTS

- **SevaFlow**: Led the development of SevaFlow, a BRSR report generation application that was a finalist at **Smart India Hackathon 2024**, implementing NLP algorithms for automated report analysis.
- **CryptoBot:** Developed an AI-powered Crypto Trading Agent on Telegram that provides personalized trading strategies, sentiment analysis, and real-time risk management for casual investors.
- **House Price Prediction** - Achieved 95% accuracy using advanced regression
- **Concrete Strength Prediction** - Developed ensemble model with 92% accuracy
- **Solar Power Forecasting** - Created predictive models for energy optimization

SKILLS

Python, Java, SQL, HTML, CSS, JavaScript , React, Data Analytics, Numpy, Pandas, Matplotlib, Seaborn, Scikit Learn, Llama, MongoDB, MySQL, Git, GitHub, Project Management, Time Management , Team Leadership, Gmail , etc

EXTRACURRICULAR ACTIVITIES

- Technical Team Member, Omniscient's Association of Data Science (OADS), CSE(DS), SJCEM (2024- present)
- Innovation Coordinator, Institutional Innovation Council, SJCEM (2025-present)
- Table Tennis Player: Competed in various tournaments