

# NESTON CABRAL

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Aspiring AI and Data Science under-graduate with hands-on experience in Python, Django, Flask and frontend frameworks. Proven ability to develop scalable web applications and machine learning models. Passionate about leveraging technology to solve real-world problems. Passionate about bridging the gap between technical development and business strategy.

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**SKILLS :** RESEARCH & RESULTS DRIVEN | TEAM ORIENTED | EFFECTIVE PRESENTATION SKILLS

**TECHNICAL SKILLS :** PYTHON | DJANGO | FLASK | REACT | SVELTE | NEXTJS | POSTGRESQL | GIT

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## EDUCATION

2021 - 2025

**Fr. Conceicao Rodrigues College of Engineering | Mumbai , Maharashtra**

- Pursuing Bachelors in Artificial Intelligence & Data Science (4th Year)
- CGPA - 8.38 (Upto 6 semesters)

**ST. XAVIERS COLLEGE, FORT | MUMBAI**

2019 - 2021

- FY/SYJC (Science) : 80.67%
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## EXPERIENCE & PROJECTS :

**NiceVibes – Employee Wellness Platform | Freelance Contributor, 2024**

- Collaborated on startup promotion by organizing and conducting yoga and mental wellness programs at Fr. Conceicao Rodrigues College of Engineering, Bandra, and Sardar Patel Institute of Technology, Andheri.
- Contributed to backend development, managing user registrations and session bookings to ensure seamless program coordination and user experience.

**PlacementPrep.AI – Engineering Job Preparation Platform (Hackathon Project)**

- Created an AI Interview Assistant for interactive Q&A sessions using gTTS, pyttsx3, and Speech Recognition.
- Proposed business models and contributed to the team pitch presentation.
- Built with Django (backend) and HTML/CSS/JavaScript templates.
- [Devfolio Link](#)

**Dukaan.AI – Optimized Shelf Space Management (Hackathon Project)**

- Developed Apriori Algorithm-based shelf updation system using core concepts of market basket analysis (Python).
- Built using Django (backend) with HTML/CSS/JavaScript templates.
- [Devfolio Link](#)

**Automated Financial Advisory**

- Flask-based application utilizing a Long Short-Term Memory (LSTM) model for time series stock price forecasting.
  - Features: Live stock price widget, financial calculators, Q&A using Gemini API, and SQL-based prediction management.
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## ACHIEVEMENTS

- GDSC International Level BitNBuild 24 Hackathon Winner
- AERAVAT AI Hackathon 2024 Winner
- CRESCENDO State Level Hackathon Winner