SANKET SURESH PATIL

Pune, Maharastra, India

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EDUCATION

Vishwakarma Institute of Technology, Pune   **CGPA - 8.51**
B.Tech - Information Technology (2020-24)

EXPERIENCE

Morgan Stanley Capital International (MSCI).   **June 2024 - Jan 2025**

Full Stack Developer

- **Legacy System Maintenance:** Enhancing a 15-year-old ESG calculation framework by addressing issues and implementing new features, improving the platform responsible for quantitative and qualitative ESG rating index delivery.
- **Productivity Improvements:** Collaborated with the product team to deliver tailored solutions, increasing product functionality by 25%.
- **Dashboard Development**: Led the development of an internal ESG research dashboard using FastAPI and React.js, consolidating multiple dashboards into a unified system and boosting efficiency by 20%.
- **Languages:** Ruby, Python , Oracle SQL.
- **Framework/Libraries:** Sinatra, FastApi, React Js

Morgan Stanley Capital International (MSCI).   **Jan 2024 - June 2024**

ESG Research Intern

- Conducted comprehensive research on ESG (Environmental, Social, and Governance) financial methodologies, assessing associated risks and conducting impact analyses across various industries
- Implemented efficient and robust code for 20% of quantitative and qualitative ESG models, significantly enhancing the accuracy and efficiency of ESG index ratings.
- Co-Created an interactive ESG Dashboard using[Streamlit]: Effectively visualized ESG metrics data and ratings, providing valuable insights for organizations and investors.
- **Languages/Tools:** Python ,Pyspark ,Oracle SQL, Excel
- **Libraries:** Pandas, Numpy,

PROJECTS

1. **Multi-Programming Operating System** ⌾ <u>Link</u> | *C ,Data Structure*
   - Built a Command line based virtual operating System (Using a **Modular Programming** Structure with **Optimized Space and Time Complexity**)
   - Implement the **memory management**, **Error Handling** and **seamless data transfer** through the system.

2. **Dairy Product Services** | *React Js, Java, Hibernate, MySQL, Spring boot.*
   - Created a **web-based platform connecting consumers and milkmen**.
   - Built a consumer-friendly website incorporating separate **dashboards for customers, sellers, and admin**
   - Implemented a **RESTful API** with added Authentication on both server and client side with added session and cookies managements.

Achievements / Extracurricular

- **HACKFEST ADWAITA-2023 National Hackathon Winner (IIIT Bhubaneswar)**
  Project: Engineered a full-fledged Android **logistics app** to connect leftover food donors with NGOs and organizations efficiently.
- **Credit Suisse Global Coding Competition 2022** - Ranked **217th globally** and in the **top 150 in India**.
- **1st Place Winner out of 200+ Teams** - TechSocho National Level Virtual Hackathon (Captcha Recognition - Cyber Security Theme)
- **Technical Team Lead (Web Development)** at CSI VIT Pune College Club
  Led the creation of the College Club website and mentored junior members on web development concepts and skills.

TECHNICAL SKILLS

Languages: Python , Ruby, PySpark, Java, Oracle SQL.

Technologies/Frameworks: FastApi, Sinatra, ,React JS, Pandas, kafka, Redis.

Developer Tools: Git, Docker, Linux, Azure