Sahil Karande

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Professional Summary

Motivated Computer Engineering graduate with a passion for leveraging technology to solve real-world problems. Equipped with hands-on experience in data analysis, machine learning, and web development through internships and academic projects. Eager to pursue to innovative teams and take on challenging roles that enhance personal and professional growth across diverse domains in the IT industry.

Education

July 2020 – July 2024
**Bachelor of Technology
in Computer Engineering**
St. Vincent Pallotti College of Engineering and Technology
Nagpur, Maharashtra

2018 - 2020
Higher Secondary School Certificate (12th)
Macaroon Students Academy Jr Science College
Chandrapur, Maharashtra

2008 - 2018
Central Board of Secondary Education (10th)
Macaroon Students Academy Jr Science College
Wani, Maharashtra

Certifications

- Cloud Computing – NPTEL
- Reinforcement Learning - NPTEL
- Introduction to Microsoft Excel
- Introduction to Python Programming
- Programming Foundations with JavaScript, HTML, and CSS

Projects

- InsightHub: Your Personal Data Analytics Companion - (2024)
- Stock Market Prediction of BSE and NSE Companies - **Cluster Computing (2023)**
- Furrify- A Pet Community Website - **Mini Major Project** (2023)
- Online Student Mentoring System (2021)

Work Experience

IIOT Intern Dec 2023 – Jun 2024
Solar Industries India Limited - Nagpur, Maharashtra

- **Led** data analysis, **enhancing** process analysis by 15% using Power BI, Dash, Plotly, and Python.
- **Designed** and **launched** data-driven web applications, **deploying** 3 applications using the Streamlit Python library.
- **Analyzed** manufacturing process trends and **identified** areas for optimization, **boosting** production line efficiency by 10%.
- **Collaborated** with Solar Industries' team, **driving** a 20% increase in overall output.
- **Streamlined** complex data, **increasing** reporting efficiency by 25% through automation.

Data Science Intern July 2023
Clustor Computing - Nagpur, Maharashtra

- **Created** 3 interactive Streamlit dashboards and 5 Power BI reports, **accelerating** decision-making time by 20% for key stakeholders.
- **Contributed** to Agile Scrum sessions, **ensuring** the on-time delivery of 3 analytics projects.
- **Mastered** 10+ data science concepts, **building** a solid foundation in analytics.
- **Processed** stock data for over 5,400 companies on BSE and 1,800 companies on NSE, **analysing** 50,000+ rows of data and **improving** forecast accuracy by 15%.

Achievements and Cocurricular Activities

- **Presented** a research paper on "Furrify: A Pet Community Website" at ICTIA 2024, **showcasing** innovative approaches in community-building and user engagement.
- **Achieved** 551 marks in the CoCubes Assessment (May 2023).
- **Scored** 78.31% in the TCS NQT Examination.
- **Served** as Chief Editor of the Department Magazine (2023).
- **Led** the GDSC SVPCET 2021 Technical Team as Technical Lead (2021-2023)

Skills and Interest

Languages	C, C++, Python, PostgreSQL
Tools	Power BI, MS Excel, VS Code, Streamlit
Technical Skills	Data Analysis, SQL, Time Series Analysis, Dash, Plotly, Predictive Modelling, Machine Learning
Areas of Interest	Data Science & Analytics, Machine Learning, Artificial Intelligence, Big Data
Soft Skills	Analytical Thinking, Continuous Learning, Resilience, Strategic Leadership, Public Speaking, Team Collaboration