Sachin Khurshapur

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SUMMARY

"Highly motivated and detail-oriented entry-level data scientist with a strong foundation in data analysis, statistical modeling, and machine learning. Proficient in Python, with hands-on experience in data manipulation, visualization, and cleaning . Eager to apply problem-solving skills and analytical expertise to drive data-driven decision-making in a dynamic organization."

EXPERIENCE

Network engineer

Tejas networks   **August 2022 -July 2024, Bangalore, Karnataka**

· Maintained and monitored a robust network infrastructure, increasing network uptime and enhancing data transfer speeds through strategic deployment of advanced networking technologies such as OTN,DWDM and GPON .
· Monitored and resolved errors for meta services, resulting in decrease of network downtime by utilizing troubleshooting techniques.
· Analyzed and collected amplifier power data using Network Management System (NMS) and generated reports using Excel, enhancing network efficiency through precise adjustments and optimization.

Geometry test engineer

SASMOS HET Technologies Limited   **January 2021 - January 2022, White field, Bangalore**

· Conducted testing and quality control of optical fiber cables (OFC) during the manufacturing process.
· Analyzed and recorded daily data on connector diameter, depth, and bandwidth to ensure compliance with specifications.
· Collaborated with the engineering team to address and resolve manufacturing issues. Maintained and calibrated testing equipments.

PROJECTS

Customer churn analysis   PWC July 2024 -July 2024

· Created a comprehensive and interactive dashboard using Power BI to visualize key metrics and insights related to customer churn.
· Analyzed churn rates across various dimensions such as customer demographics, subscription types, and customer segments. Implemented machine learning models to predict churn probabilities, utilizing algorithms like logistic regression, decision tree.
· Identified key factors driving customer churn and provided actionable insights for improving customer retention strategies. suggested data-driven strategies for future initiatives.

Car Price Prediction Model   Coursera May 2024 - June 2024

· Description: Developed a car price prediction model using machine learning algorithms and data analysis techniques.
· Outcome : Successfully developed a robust and accurate model for predicting car prices, enhancing the decision-making process for buying or selling cars.
· Demonstrated proficiency in data analysis, machine learning, and model optimization.

Customer care support dashboard   PhoneNow (PWC project) February 2024 - April 2024

· Designed and developed an interactive Power BI dashboard for customer care support, providing insights and analytics.
· Performance Metrics: Developed key performance indicators (KPIs) such as response times, resolution rates, and customer satisfaction scores.
· Improved monitor and enhance support operations by 24 %.

EDUCATION

Bachelor of engineering in electronics and communication.

SKSVMA College of Engineering and Technology · District Gadag, Karnataka state · 2020 · 5.6

CERTIFICATIONS

Introduction to Data Science   CISCO 2024

· Understanding in basic concepts of Data Analytics, Data Engineering, Data Science and AI/ML related job functions

Python for Data Science, AI & Development   Coursera IBM 2023

· Apply Python programming logic Variables, Data Structures, Branching, Loops, Functions, Objects & Classes.
· Proficient in using Python libraries such as Pandas & Numpy. Access and web scrape data using APIs and Python libraries like Beautiful Soup.

SKILLS

Python, R, Pandas, NumPy, Matplotlib, Seaborn, Scikit-learn, Basic algorithms, Handling missing values, data transformation, Descriptive statistics, hypothesis testing.
Basic knowledge of Hadoop, Spark, Data Wrangling, AWS, Git, GitHub, Platforms : Power BI, VS Code, Jupyter notebook.
Data storytelling, presenting findings, Problem-solving, attention to detail, critical thinking.