

NISHANT SIROHI

+91 8630277749 ◇ New Dehli, India

sirohi2307@gmail.com ◇ [linkedin.com](https://www.linkedin.com/in/nishant-sirohi) ◇ [Github](https://github.com/nishant-sirohi)

OBJECTIVE

Seeking the Data Science Analyst Intern, at CISCO, with a passion for technology and a strong foundation in computer science, to contribute to the development and deployment of innovative solutions while gaining valuable hands-on experience

EDUCATION

B.Tech CSE, Meerut Institute of Engineering and Technology Expected 2024

Relevant Coursework: Data Structures and Algorithms, Web Development and Mobile App Development.

Senior Secondary and Higher Senior Secondary, CBSE , Army Public School 2017 - 2020

SKILLS

Programming Languages	Python (50K+ loc), R (40K+ loc), Java, C/C++, Assembly
Tools and Technologies	React JS, Node JS, Django, Flask, Kubernetes, SQL, BigQuery, Git/Github MySQL, Spark, Hive, Fusion 360, Data Visualization, Linux, TensorFlow MongoDB, Docker, PyTorch, Tableau, AWS, GCP
Soft Skills	Communication, Adaptability, Teamwork, Leadership, Problem-Solving, Creativity

INTERNSHIP

Data Science And Machine Learning Intern Dec 2022 - Mar 2023

Coding Ninjas *Remote*

- Achieved **20% growth** using data science and machine learning, including **NLP, deep learning and TensorFlow**
- Led data science team, resulting in a **15% revenue increase via predictive modeling and analysis**
- Proficient in Natural Language Processing, deep learning, statistics, and data visualization, with a focus on **driving revenue growth and optimizing processes**

Full-stack Developer Jun 2022 - Sep 2022

OneAll Digital *Remote*

- Achieved **30% growth** with **React, Node.js, and MongoDB**. Implemented key features for increased user engagement and adoption
- Developed a robust MERN application with **Redux, GraphQL, and Docker** for optimal performance, scalability, and efficient deployment
- Designed a **feature-rich web app** with advanced functionality, enhancing user engagement and experience

PROJECTS

Customer Churn Prediction Model Jul 2023 - Sep 2023

Python, SQL and Statistical Modeling *Team Size - 5*

- Developed a machine learning model using historical data and customer behavior analysis to predict customer churn, resulting in a 15% reduction in churn rate through targeted retention efforts
- Utilized features such as usage patterns and demographics to enhance model accuracy and identify high-risk customers, enabling proactive retention strategies
- Implemented advanced ensemble modeling techniques to assess and predict customer churn, contributing to improved customer retention and overall business profitability

Autonomous Drone Navigation With Computer Vision

Apr 2022 - Jun 2023

PX4, Python and cv2

Team Size - 2

- Developed an autonomous drone navigation system using cutting-edge computer vision algorithms
- Achieved precise object detection, obstacle avoidance, and path planning for unmanned aerial vehicles, enabling autonomous missions
- Successfully demonstrated the project's capabilities, paving the way for applications in industries like surveillance, agriculture, and logistics

Code Collaboration Platform

Dec 2022 - Mar 2023

React JS, MySQL, Python and Node.js

Team Size - 1

- Enhances coding efficiency, facilitating simultaneous collaboration on the same codebase in real-time, with over 50+ projects fully managed on this platform website
- Achieves quantifiable success with faster project delivery, improved code quality, and streamlined collaboration practices
- Recognized by industry experts for revolutionizing developer workflows, fostering efficient code collaboration, and enhancing codebase security through machine learning-driven anomaly detection

Predictive Maintenance with Sensor Data

Jun 2022 - Sep 2022

R, Python and SQL

Team Size - 2

- Leveraged Python for data ingestion, R for predictive modeling, and SQL for database management
- Analyzed sensor data to predict equipment failures, reducing downtime and maintenance costs.
- Implemented machine learning models to proactively identify maintenance needs based on sensor readings, optimizing operational efficiency.

AWARDS AND ACHIEVEMENTS

- Amazon Certified: Amazon Web Services Solutions Architect - Professional
- Microsoft Certified: Power Platform Fundamentals
- Secured 93.6 percentile in the JEE Mains examination
- National Science Olympiad 2nd Position
- Indian National Mathematics Olympiad (INMO) Qualified
- Scholarship Holder, Army Public School, Meerut

POSITIONS OF RESPONSIBILITY

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|--|---------------------|
| • Amazon ML Summer School | Sep 2023 - Present |
| • Core Member, Ideathon @MIET | Jun 2023 - Present |
| • Web Developer, Google Developer Student Club @MIET | Jun 2022 - Apr 2023 |
| • Student Council, Army Public School, Dehradun | Apr 2019 - Feb 2020 |

INTERESTS AND HOBBIES

- Music Production
- Playing Guitar
- Table Tennis
- Chess (FIDE Rating 1035)
- Cricket