

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 Associate Systems Engineer position, 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 (60K+ loc), Java (50K+ loc), JavaScript, C/C++, Assembly
Tools and Technologies	React JS, Node JS, Django, Cloud(AWS), DevOps, WS-Restful, JMS, Git/Github MySQL, Hibernate, Spring, Kubernetes, Processing, Linux, PostgreSQL Networking, Azure(Cloud), Docker, MongoDB
Soft Skills	Communication, Adaptability, Teamwork, Leadership, Problem-Solving, Creativity

EXPERIENCE

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

Marketplace for Open Source Projects Jul 2023 - Sep 2023
React JS, MongoDB, Vite and Node.js *Team Size - 5*

- Enables users to discover and contribute to a wide range of open source projects, fostering collaborative innovation
- Submitted to the NASA Space Apps Challenge, showcasing its potential to address space-related challenges
- Facilitates connections among developers, designers, and enthusiasts for impactful contributions to open source initiatives

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

Customer Churn Prediction Model

Dec 2022 - Mar 2023

Python, SQL and Statistical Modeling

Team Size - 1

- 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

Color Switch

Jun 2022 - Sep 2022

Java JavaFX, FXML, SceneBuilder

Team Size - 2

- Created a replica of the obstacle-based game "Color Switch," featuring an extensive array of 10+ obstacles and 2 distinct game modes, while employing principles of Object-Oriented and Event-Driven programming
- Expanded the game's capabilities by incorporating vector-based animations and enforcing highly accurate replication of game physics.

AWARDS AND ACHIEVEMENTS

- Achieved Amazon Certified status as an AWS Solutions Architect - Professional
- Microsoft Certified in Power Platform Fundamentals
- Attained a remarkable 93.6 percentile in the JEE Mains examination
- Secured 2nd position in the National Science Olympiad
- Qualified for the prestigious Indian National Mathematics Olympiad (INMO)
- Awarded a scholarship at Army Public School, Meerut

POSITIONS OF RESPONSIBILITY

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| • Distinguished participation as a core member of Amazon's ML Summer School | Sep 2023 - Present |
| • Served as a vital core member of Ideathon @MIET | Jun 2023 - Present |
| • Contributed to web development projects with the Google Developer Student Club | Jun 2022 - Apr 2023 |
| • Actively contributed to the Student Council at Army Public School, Dehradun | Apr 2019 - Feb 2020 |

INTERESTS AND HOBBIES

- Music Production
- Playing Guitar
- Table Tennis
- Chess (FIDE Rating 1135)
- Cricket