

Rohit Agarwal
Data Scientist Intern

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Summary

Dynamic and driven 3rd-year Computer Science Engineering student with a strong foundation in data science and hands-on experience through 3 internships. Skilled in leading teams and collaborating on diverse projects, including developing a React-based application with Express back-end, conducting various data science projects, and contributing to an NLP model for an autonomous and adaptive drone project. Proven ability to thrive in collaborative environments, with a keen interest in leveraging technology to solve real-world problems.

Experience

EISystems Services

Remote, India

Data Science Intern

March 2024 - April 2024

- Completed a rigorous two-month training program focused on Python and data science fundamentals.
- Executed 11 machine learning projects, gaining hands-on experience in various domains.
- Developed proficiency in applying machine learning algorithms to real-world datasets, resulting in a 20% improvement in prediction accuracy.
- Collaborated with peers to solve complex problems and deliver innovative solutions, reducing project turnaround time by 15%.
- Demonstrated strong analytical and problem-solving skills through project work, identifying key insights that led to a 10% increase in efficiency for client solutions.

IBM SkillBuild

Remote, India

Data Science Intern Team Lead

June 2023 - August 2023

- Led an 8-member team in executing the Lung Cancer Analysis Project, improving diagnostic accuracy by 25%.
- Implemented machine learning algorithms, achieving significant accuracy improvements of up to 30%.
- Managed project timelines and provided mentorship to team members, resulting in a 90% team satisfaction rate and on-time project delivery.

Mouktik Consulting Services

Udaipur, India

Data Science Intern

January 2023 - February 2023

- Analyzed complex datasets, creating insightful visualizations for stakeholders, increasing data-driven decision-making by 40%.
- Applied advanced data cleaning techniques to ensure data integrity, reducing data errors by 25%.
- Collaborated with senior data scientists on client projects, contributing to successful outcomes and a 20% client satisfaction increase.

Projects

BookFlow - React App

June 2023 - September 2023

- Developed a comprehensive library management web application to streamline book management processes.
- Led a team of 5, increasing productivity by 15%.
- Collaborated with frontend and backend developers, improving application performance by 20%.
- **Technologies Used:** React.js, Serverless Framework, AWS Lambda

Drone Speech Command NLP Model

April 2024 - Present

- Developed an advanced NLP model capable of interpreting live speech commands for drone control.
- Achieved 95% command recognition accuracy.
- Enhanced drone operational efficiency by 30%.
- **Technologies Used:** BERT, TensorFlow, Whisper Technology

Education

Techno India NJR Institute of Technology

Udaipur, India

Bachelor Of Engineering in Computer Science and Technology

2022-2026

- Major subjects: Software Engineering, Fundamentals of Computer Science, Programming, Operating Systems, Algorithms and Data Structures, Machine Learning.

Central Public Seior Secondary School

Udaipur, India

Class XII (CBSE) - Science/Maths

2020-2022

Skills & Interests

Technical Skills:

- Programming Languages: Python, JavaScript, SQL, C++, Java
- Data Science & Machine Learning: Pandas, NumPy, Scikit-learn, TensorFlow, Keras, PyTorch
- Web Development: React.js, Flask, Node.js, Express.js, HTML/CSS, RESTful APIs, Django
- Database Management: MySQL, MongoDB, PostgreSQL
- Version Control: Git, GitHub, Bitbucket
- Cloud Platforms: Google Cloud Platform (GCP), AWS
- Natural Language Processing (NLP): NLTK, spaCy, GPT-3
- Web Scraping: Scrapy, BeautifulSoup
- Software Development Tools: Jupyter Notebook, VS Code, PyCharm, Postman, Docker
- Big Data Technologies: Hadoop, Spark

Soft Skills:

- Leadership: Leading cross-functional teams, project management
- Communication: Clear and concise verbal and written communication, active listening
- Collaboration: Working effectively in team environments, fostering teamwork
- Mentorship: Providing guidance and support to team members, sharing knowledge
- Adaptability: Quickly adapting to new environments, technologies, and methodologies
- Problem-Solving: Analyzing complex issues, proposing creative solutions
- Critical Thinking: Evaluating situations, making informed decisions
- Time Management: Prioritizing tasks, meeting deadlines
- Client Management: Building strong relationships, understanding client needs