

Ankit Rajesh Sawant

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EDUCATION

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| University Of Illinois at Urbana-Champaign Masters of Science in Information Management | GPA :4.0/4 | Illinois, USA |
| Courses: Data, Stats & Info, Data Warehousing & Business Intelligence | | Aug 2024 - May 2026 |
| Dwarkadas J. Sanghvi College of Engineering BTech in Electronics & Telecommunication | GPA : 3.74/4 | Mumbai, India |
| Courses: Big Data Analytics, Neural Network and Fuzzy Logic | | July 2020 - May 2024 |

WORK EXPERIENCE

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| Bharaj Machineries Pvt. Ltd. | Mumbai, India |
| Data Analyst | March 2023-May 2023 |
| <ul style="list-style-type: none">Used Python to clean and process over 10,000 data entries from multiple sources, improving data integrity.Conducted exploratory data analysis, identifying patterns and trends that led to a 10% improvement in process efficiency.Generated PowerBi dashboards and presented reports & presentations summarising data analysis results, aiding decision-making. | |
| Raa Technocrates | Mumbai, India |
| App Developer | April 2022-July 2022 |
| <ul style="list-style-type: none">Developed and maintained software applications, improving overall system performance and functionality.Collaborated with the engineering team to design, implement and test software solutions reducing bugs and improving software quality.Collaborated with cross-functional teams to ensure the app meet industry standards and user requirements, leading to a 15% increase in user satisfaction. | |

PROJECTS

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| Fashion Insights: Analysing the Myntra Dataset |
| <ul style="list-style-type: none">Analysed over 1 million rows of Myntra product listings using Python, categorising product across 60 categories and providing insights for efficient resource allocation.Developed a detailed report identifying the top 10 items and brands in each of 15 categories; the analysis provided actionable insights that resulted in a more efficient allocation of marketing resources. |
| Uber ETL Pipeline Project |
| <ul style="list-style-type: none">Designed and automated an ETL pipeline using Python and Apache Airflow to process Uber trip data , transforming raw datasets into structured formats and loading them into a PostgreSQL database.Analyzed trip patterns and trends enabling data driven insights for stakeholders. |
| Netflix Content Analysis |
| <ul style="list-style-type: none">Developed an SQL based project analysing Netflix content to answer key business questions such as content count, country wide releaseCreated a Tableau dashboard to visualise insights , improving data-driven decision making. |

SKILLS

- Technical Skills:** Python, R, SQL, Excel, C++, Java, MongoDB, Tableau, Power Bi, SAP,Hadoop,Kafka
- Soft Skills:** Teamwork, Communication Skills, Problem-Solving, Time Management, Networking & Relationship Building.
- Software :** MATLAB, Scilab, Altium, Solidworks, Adobe, Photoshop

LEADERSHIP AND MENTORSHIP

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| BE Mentor Dwarkadas J. Sanghvi College of Engineering, Mumbai, India | Oct 2023 - March 2024 |
| <ul style="list-style-type: none">Mentored two projects “Fuzzy Logic-based Active Suspension” and “Automated Solar Tracking Systems” of 5 plus students each under the guidance of Dr. Vishakha Kelkar and Dr. Ameya Kadam.Facilitated idea exploration, resolved research issues and managed team progress to meet project objectives. | |
| Teaching Assistant Dwarkadas J. Sanghvi College of Engineering, Mumbai, India | Sept 2023 - Oct 2023 |
| <ul style="list-style-type: none">Helped Dr. Vishakha Kelkar in developing the laboratory for the honours course for my batch of 30 students.Designed a neural network model and did a comparative analysis of the 5 different activation function | |

RESEARCH PUBLICATIONS

- Sawant, A. R., Sivramkrishnan, Y., Ganatra, H. and Kadam, A. A. (2023) “**Smart Crop – Precision Agriculture using Machine Learning**”, International Journal of Research in Engineering, Science and Management, 6(10), pp. 13–17.[Paper-Link](#)
- Corn Leaves Disease Detection Using Convolutional Neural Networks [CNN]** || Hemish Ganatra, Ankit R. Sawant, Yash Sivramkrishnan, Ameya A. Kadam with DOI: 10.55041/IJSREM26275. [Paper-Link](#)
- Published a research paper on the topic “**Automatic Solar Panel**” in the DJ Strike Techno Journal.

ACHIEVEMENTS

- Registered a **design patent** with the title “**Scare Device**” with the application number 399384-001.[Patent-Link](#)
- Silver medallist** in the **Pattern Recognition and Application** Course (NPTEL_IIT_KGP).