

# Swetha Kambhampati

+91-8951460897 | [ks.kswetha09@gmail.com](mailto:ks.kswetha09@gmail.com) || [linkedin/swetha](https://www.linkedin.com/in/swetha)

## EXPERIENCE | 3 YEARS

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### Data Scientist

December, 2022 – Present

*Wipro*

*Bengaluru, India*

- Developed and deployed **machine learning models** for classification and regression tasks, utilizing algorithms like Random Forest, Logistic Regression, XG Boost and Naive Bayes to drive data-driven decisions.
- Leveraged Python (Pandas, NumPy, Scikit-learn) for **data cleaning, pre-processing, feature engineering, and model building**, improving prediction accuracy across various projects.
- Integrated SQL for data storage and querying, managing large datasets, performing ETL operations, and ensuring efficient **data pipeline management**.
- Collaborated with cross-functional teams to define business problems, **design** machine learning solutions, and translate complex data insights into actionable recommendations.
- Built **interactive dashboards** in Power BI, providing visual insights into business metrics, trends, and performance, enabling stakeholders to make data-driven decisions.
- Experienced in **Natural Language Processing** (NLP) techniques, such as tokenization, stop-word removal, and keyword extraction, for text data preprocessing and analysis.
- Implemented **cloud-based solutions** for machine learning models, leveraging platforms like AWS for model deployment and monitoring performance at scale.
- Enhanced** data governance and compliance by implementing automated workflows and ensuring the integrity and security of sensitive business data throughout the analytics pipeline.
- Created detailed **documentation** and developed comprehensive system design documents for all models, explaining the end-to-end process ensuring clarity and ease of understanding for cross-functional teams and future stakeholders.

### RPA Developer

October 2021 – December, 2022

*Wipro*

*Bengaluru, India*

- Gathered and analyzed business requirements to design and develop **automated workflows and bots** using Power Automate and Power Apps, streamlining repetitive tasks and improving process efficiency.
- Developed and deployed** custom bots to automate tasks such as data entry, file transfers, and system integrations, reducing manual effort and error rates across various business processes.
- Performed **end-to-end testing** of bots, ensuring functionality, reliability, and adherence to business requirements before deployment into production environments.
- Monitored** deployed bots for performance, addressing issues proactively and responding to incidents by diagnosing and fixing bugs to maintain smooth automation workflows.
- Provided ongoing support and maintenance for automated solutions, ensuring continued efficiency and scalability by updating bots based on feedback and evolving business needs.

## TECHNICAL SKILLS

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**Languages:** Python, SQL, Powershell

**Frameworks:** Pandas, NumPy, Scikit-learn, XGBoost

**Developer Tools:** Jupyter Notebook, SSMS, UiPath Orchestrator, Power BI

**Technologies:** Power Automate, AI Builder, SQL Database, Microsoft Power Apps, ServiceNow, PeopleSoft, ABBYY FlexiCapture, AI Builder

**Others:** Machine Learning, OCR Technology, OOP, Data Structures, Excel

## CERTIFICATIONS

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**AWS Certified Cloud Practitioner - Amazon Web Services**

**Business Analytics Certification - Indian Institute of Science**

## EDUCATION

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**Acharya Institute of Technology, Bengaluru**

*B.Tech. - Electrical and Electronics*

*2017 – 2021*