

# PRIYADARSI DAS

## SKILLS

Python  
SQL  
Flask  
Backend Web Development  
Machine Learning  
NLP  
OCR  
Redis  
AWS EC2, S3, SQS, SES, Lambda, IAM, Cloudwatch

## CONTACT INFORMATION

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Bangalore

## EDUCATION

**Intellipaath**  
*Data Science Architect Master's*  
- 2021 - 2022

**Gandhi Academy of Technology & Engineering**  
*B Tech in Civil Engineering*  
- 2009 - 2013

## CERTIFICATIONS

**IBM**  
Applied Machine Learning with Python  
- Jan 2022

## WORK EXPERIENCE

### MEET MONK

*Sr. Python Developer | Feb. 2023 to Present*

- Developed a speech translation and Optical Character Recognition (OCR) application using Python, leveraging the Google Cloud Speech-to-Text API and Tesseract OCR library to enable speech-to-text and text-to-speech translation capabilities.
- Utilized Amazon Web Services (AWS) EC2, S3, and Load Balancer services to build and deploy the application, ensuring high availability and scalability to handle large volumes of requests.
- Integrated the langdetect library into the application to automatically detect the language of the input text, enabling the application to perform accurate translation and processing of multi-lingual content.
- Leveraged the Indic NLP library to handle natural language processing and text analytics for Indian languages, enabling the application to process and translate content in multiple Indian languages with high accuracy and efficiency.
- Developed the entire application using Flask, a lightweight and flexible Python web framework, and leveraged its built-in features such as routing, request handling, and response rendering.
- Skills: Python, Flask, SQL, Backend Development, Machine Learning, OCR, NLP

### JLL

*Manager | Aug. 2019 to Mar 2021*

- Developed web application back end components using Flask framework and integrated with Machine Learning model.
- Created a Machine Learning model through data collection, choosing model, training model, evaluating models, hyperparameter tuning, making predictions.
- Project: Developed a platform where clients entered monthly energy consumption of buildings, occupancy and operating hours to find the calculate GHG emissions. The platform also utilized a ML model for estimating the green power purchase requirement of portfolios.
- Skills: Python, Flask, SQL, Backend Development, Machine Learning

### GBCI

*Technical Manager | Feb 2017 to July 2019*

- Software development using Python and Flask for building forms, templates and connecting to database.
- Used Machine Learning for Natural Language Processing and building models for sentiment analysis.
- Project: Developed a web application for calculating building efficiency in terms of Energy, Water and Materials. The project helped stakeholders take predictive steps for efficient design of portfolios.
- Skills: Python, Flask, SQL, Backend Development, NLP

## INTERESTS

### GitHub Link:

<https://github.com/Priyadarsi/>

### Codewars Profile:

<https://www.codewars.com/users/Priyadarsi>

## JLL

*Assistant Manager | Feb 2016 to Jan 2017*

- Created a web application using Python and Flask to enable company employees to post information related to project developments and success stories. Implemented user authentication and access control to ensure that only authorized users can view and post information, and used Flask's built-in features for form validation and data persistence to ensure data integrity and consistency.
- Utilized SQL to store and manage the data generated by the application, leveraging the power of relational database management to facilitate efficient data retrieval and querying. Used SQLAlchemy, a popular Python ORM (Object-Relational Mapping) library, to interface with the SQL database and perform CRUD (Create, Read, Update, Delete) operations on the data.
- Skills: Python, Flask, SQL, Backend Development

## LCES

*Engineer | Sept 2013 to Jan 2016*

- Performed web scraping techniques to extract data from websites that do not provide APIs, enabling the retrieval of valuable information for research and analysis.
- Used BeautifulSoup to parse HTML and XML documents and extract structured data from web pages.
- Used Selenium to navigate web pages and interact with dynamic content, enabling the collection of information that is not accessible through traditional web scraping techniques.
- By using web scraping techniques to collect information on research articles and market insights, the company was able to gain valuable insights into the latest trends and developments in their industry.
- Skills: Python, Web-scraping