



# Kasiraja Gunasekaran

## Python Developer | Data Scientist

### Profile Summary

Enthusiastic Data Scientist with two or more years of experience in working on projects involving Deep Learning and Machine Learning. Better expertise in Data Science and Data Analytics and seeking for the finest opportunities to start my career in the field of Data Science and to speed the accumulation of knowledge in the growing technologies.

### Education

- **Bachelor of Computer Science and Engineering**  
Dhanalakshmi Srinivasan Engineering College (2019 – 2023)  
8.5 GPA
- **12<sup>th</sup> Grade**  
Sri Ramakrishna Matriculation Higher Secondary School (2017 – 2018)  
84.91 Percentage
- **10<sup>th</sup> Grade**  
Sri Ramakrishna Matriculation Higher Secondary School (2015 – 2016)  
95 Percentage

### Certification Courses

- **Honors Diploma in Computer Application – CSC**  
Skills: Windows, MS Office, OOPS, Front End, SQL Servers.
- **Complete PostgreSQL Bootcamp – Udemy**  
Skills: PostgreSQL, Database Management
- **Microsoft Power BI Data Analytics – ICT Academy.**  
Skills: Data Extraction, Data Transformation, Data Visualization, Data Analysis, Report and Dash Board Preparation
- **Python for Data Science - Cognitive class**  
Skills: Statistics, Probability, Machine Learning, Data Cleaning, Data Exploration, Data Analysis, Data Visualization, NumPy, Pandas, Seaborn, Matplotlib
- **Machine Learning with Python - Cognitive class**  
Skills: ML Algorithms, Statistics, Probability, Data Processing, Model Building
- **Cloud Computing – NPTEL**  
Skills: Database, Cloud usage, Types and maintenance of Cloud platforms.

### Workshops / SDP Program

- Workshop on “**Empowering Data Science using Python**” in Karpagam college of Engineering.
- A five Days Student Development Program entitled “**Insight on Convolutional Neural Network**” organized by IEEE Madras Section, IEEE Madras section Young Professionals.

### Projects

- **E-Bonafide Certificate Generation.**  
Skills: Django, Python, HTML, CSS, JavaScript
- **A Gesture-based tool for manipulating Radiology Image.**  
Skills: Artificial Intelligence, Machine Learning, Flask, HTML, CSS, Tensorflow, Keras, Scikit-learn, Django, Numpy, Seaborn, Matplotlib
- **COVID-19 Prediction from Chest X-ray and CT scan Using Deep Learning**  
Skills: Artificial Intelligence, Django, HTML, CSS, Tensorflow, Keras, Scikit-learn, Numpy, Seaborn, Matplotlib

### Publications

- Published a paper in the title of “**Covid-19 Prediction from Chest X-ray and CT scan using Deep Learning Methods**” in the “**International Journal of Scientific Research in Engineering and Management (IJSREM) Volume: 07 Issue: 05 May 2023**”

### Contact

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### LinkedIn

<https://www.linkedin.com/in/kasiraja-gunasekaran-720b76216/>

### Hard Skills

- Python
- Data Analytics
- Data Science
- Machine Learning
- Tableau
- Microsoft Power BI
- SQL
- Django
- Web Development

### Soft Skills

- Time management
- Communication
- Problem Solving
- Team work
- Critical Thinking
- Analytical Skills

### Volunteer / Leadership

- Department Student Chairman
- Student Placement Co-Ordinator
- Volunteer in Relief Campaign
- Student Organizer of Symposiums
- Team Lead for the Projects
- Co-Ordinator of Webinar Series

### Languages

- Tamil
- English