



# GEETHA G

## SENIOR PYTHON, AI/ML TRAINER & PROGRAMMER

### PROFILE

Experienced educator and training expert with a passion for empowering students through innovative teaching methodologies. Skilled in Python programming, Artificial Intelligence, Machine Learning, Deep Learning, and Generative AI. Proven track record in curriculum development, training delivery, and mentorship.

### WORK EXPERIENCE

#### iSPARK Learning Solutions Pvt Limited Head of Coding Department

2022 - PRESENT

- Developed a comprehensive STEM-based coding curriculum for K-12 students, covering unplugged and block-based coding, Python, AI/ML, deep learning, and generative AI.
- Designed and implemented innovative training sessions, leveraging multimedia tools for enhanced learning experiences.
- Led a team of 10 professionals, fostering a collaborative environment and providing guidance in Python, AI/ML, and deep learning training.

#### WhiteHat Jr Python, AI & ML Trainer

2021 - 2022

- Conducted hands-on workshops on Python fundamentals, Artificial Intelligence, and Machine Learning.
- Created comprehensive training plans and materials, focusing on practical applications in Python programming.
- Mentored students in understanding complex concepts in AI/ML.

#### Prag Robotics- Bharath University Python, AI and ML Trainer

Mar '22 — Nov '22

- Developed training plans for Python programming, AI, and machine learning to meet the diverse learning needs of college students.
- Conducted interactive workshops on data types, functions, classes, and various machine learning modules. Guided students in real-world projects including glass classification and car price prediction models.

#### Vivekananda VidyalayaMudichur Coding Educator and Home Room Teacher

2013 — 2018

- Developed and implemented an engaging coding curriculum for all ages, nurturing students' computational thinking. Led assessments to track coding proficiency, tailoring support for individual student growth.
- Organized engaging student programming challenges to encourage creativity and collaboration.

### CONTACT

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🌐 [linkedin.com/in/geetha-gunasekar/](https://linkedin.com/in/geetha-gunasekar/)

### SKILLS

- Programming :
  - Python
  - Pandas
  - Numpy
  - scikit
  - Streamlit
  - HTML
  - CSS
- Database - PostgreSQL
- Artificial Intelligence
- Machine Learning
- Deep Learning basics
- Generative AI basics
- Training and Facilitation
- Curriculum Development
- Team Leadership

## EDUCATION

Bachelor of Engineering (B.E.)  
in Computer Science  
Engineering

2005 - 2008  
SONA COLLEGE OF TECHNOLOGY  
ANNA UNIVERSITY  
SALEM-TAMILNADU

## LANGUAGES

- English
- Tamil

## WORK EXPERIENCE

Apple Perk International School  
Computer Teacher

- Implemented innovative teaching methods in CBSE-I curriculum, enhancing student comprehension.
- Developed instructional materials and presentations, integrating technology to enrich learning experiences. Facilitated student collaboration through group projects, fostering teamwork and creativity.

Programmer Consultant  
Freelance

- Designed and maintained web-based applications, meeting client requirements and ensuring usability. Provided technical support and resolved issues promptly, optimizing software performance.
- Collaborated with development teams to enhance coding standards and user experience.

Honeywell  
Engineering Trainee

- Gained expertise in Object-Oriented Programming and Java-based application development.
- Contributed to the "Crane Optimization" project, applying statistical analysis to enhance efficiency. Assisted in troubleshooting and problem-solving, ensuring smooth project implementation.

## PROJECTS

Algo trading Project- [Link](#)

- This project will help to stream live market data and we can place, update and cancel the order in the live market

Online Retail Store Clustering [Link](#)

- Utilized machine learning techniques to classify different types of glass based on their chemical composition.

Iris Flower Classification [Link](#)

- Implemented a classic machine learning project to classify iris flowers into different species based on their sepal and petal dimensions.

## CERTIFICATIONS

- [Certified Python Programmer](#)
- [Data Analysis Certification](#)
- Python Programming PostgreSQL
- [Deep Learning and Neural Network certification](#)