

# MANGALA LAKSHMI GANESH

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in LinkedIn

GitHub

## OBJECTIVE

Dedicated MCA student with hands-on experience in Python development. Skilled in developing web applications using Django and performing data manipulation with NumPy and Pandas. Seeking a software development role to apply technical expertise while contributing to organizational success through innovative solutions.

## SKILLS

Programming Languages	Python, HTML, CSS, JavaScript
Frameworks/Libraries	Django, NumPy, Pandas
Databases	MySQL
Developer Tools	Git, GitHub, VS Code, Anaconda
Certifications	Python Programming Language(python Life)( <a href="#">View</a> ) , Web Development(code with Swaroop)( <a href="#">View</a> )

## PROJECTS

### Supermarket-bill-generation-System

- Developed a train ticket booking simulation using object-oriented programming in Python
- Implemented classes: Train, Passenger, Ticket, and Account, each with relevant attributes and methods
- Enabled booking functionality, passenger details management, and ticket generation with unique PNR
- Added user authentication via an Account class with password verification logic ([Project Link](#))

### Bank Management System:

- Designed and developed a comprehensive banking application using Python and OOP principles
- Implemented core banking features including account creation, transactions, and account management
- Built a secure authentication system with multiple validation layers
- Created an intuitive user interface for seamless banking operations ([Project Link](#))

### Railway Ticket Reservation System:

- This program is made to book train tickets. It uses four classes: Train, Passenger, Ticket, and Account. The Train class stores details about the train and helps in booking seats. The Passenger class keeps information about the person traveling. The Ticket class holds all the ticket details like train, journey, and passengers. The Account class is used to check if the entered password is correct for a user. ([Project Link](#))

## INTERNSHIP

### Robokwik | Python Intern

20/august/2024 - 18/September/2024

- Developed Python solutions for real-world business applications to improve operations
- Utilized NumPy and Pandas for advanced data analysis and dataset manipulation
- Collaborated with developers to resolve code issues and enhance system performance
- Built custom Python modules that increased data processing speed by 15%
- Engaged in peer code reviews to ensure code quality and best development practices ([Certificate Link](#))

## EDUCATION

Master of Computer Applications(MCA), Gates Institute of Technology , Gooty  
Percentage:84%

2023-2025  
AP, India

Bachelor of Science (B.Sc.), Sri Sai Master Minds Degree College  
Percentage: 75%

2020 - 2023  
AP, India