



# Amal Manoj

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 **GitHub:** [github.com/maayavii](https://github.com/maayavii) |  **DOB:** 23/12/2000 |  **Nationality:** Indian

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## Profile Summary

Dynamic and detail-oriented Software Developer with expertise in **Python, Django, HTML, CSS**, and database systems like **SQL** and **MongoDB**. Skilled in full-stack development, troubleshooting, and software optimization. Currently pursuing a **Master's in Computer Applications (MCA)** to deepen technical and managerial expertise. Proven experience in **web application development, database management, and client relationship management**. A proactive team player with exceptional problem-solving and communication skills, committed to delivering innovative software solutions.

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## Education

- Master of Computer Applications**  
St. Joseph's College of Engineering and Technology, Palai | 08/2023 – 03/2025
- Bachelor of Science in Botany**  
St. Thomas College, Palai (Autonomous) | 2018 – 2021
- Higher Secondary Education (Bio-Maths)**  
Mahatma Gandhi Govt HSS, Pala | 2016 – 2018

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## 1) Technical Skills:

- Programming Languages & Frameworks: Python, Django, Java, JavaScript,
- Frontend Development: HTML, CSS, Responsive Web Design,
- Database Management Systems: SQLite, PostgreSQL, MongoDB
- Version Control: Git, GitHub
- Testing & Debugging:

## 2) Soft Skills:

- Problem-Solving and Critical Thinking
- Team Collaboration and Leadership
- Effective Communication
- Client Relationship Management

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## Certifications

- Database Management** – NPTEL
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## Professional Experience

1. Relationship Executive-Manappuram Finance Ltd, Pala, Kottayam
    - Managed client relationships, providing personalized financial solutions.
    - Conducted detailed financial assessments to meet customer needs.
  2. Freelance Tutor and Mentor- Self-Employed
    - Delivered customized tutoring for students across various disciplines.
    - Focused on conceptual understanding and problem-solving skills.
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## Projects

### 1. Construction Site Monitoring Web Application

- **Technologies:** Python, Django, SQLite, HTML, CSS
- Developed a web application to monitor construction progress and daily expenses for clients.
- Designed for remote client access, allowing them to approve work progress without on-site visits.
- **Key Features:**
  - Email alerts for project updates and approvals.
  - Automatic progress tracking to display milestones dynamically.
  - A query section for clients to submit inquiries.
- Integrated with the company website to showcase achievements and enhance transparency.

### 2. Bus Seat Booking Web Application

- **Technologies:** Python, Django, SQLite, HTML, CSS, UPI Payment Gateway
  - Built a platform for users to check bus availability, seat allocation, and ticket pricing.
  - **Key Features:**
    - Advanced search and filtering by date, time, route, and price.
    - UPI payment integration with automated email confirmations for bookings.
    - Enabled bus owners to add and manage buses efficiently.
  - Improved public transport accessibility and enhanced user convenience.
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## Interests

- **Webpage Cloning & Design:** Analysing design features and recreating attractive websites.
- **Template Development:** Designing and modifying reusable templates.
- **Debugging & Optimization:** Evaluating non-functional code and troubleshooting errors using available resources.