**Amal Manoj**

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**Location**: Kottayam, Kerala, India | **LinkedIn**: [linkedin.com/in/amal-manoj-2a858b211](https://linkedin.com/in/amal-manoj-2a858b211)

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

**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.

**Education**

1. **Master of Computer Applications**  
 St. Joseph's College of Engineering and Technology, Palai | 08/2023 – 03/2025 2. **Bachelor of Science in Botany**  
 St. Thomas College, Palai (Autonomous) | 2018 – 2021   
3. **Higher Secondary Education (Bio-Maths)**  
 Mahatma Gandhi Govt HSS, Pala | 2016 – 2018

**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:**

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

**Certifications**

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| • | **Database Management** – NPTEL |

**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**:

o Email alerts for project updates and approvals.

o Automatic progress tracking to display milestones dynamically.

o 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**:

o Advanced search and filtering by date, time, route, and price.

o UPI payment integration with automated email confirmations for bookings.

o Enabled bus owners to add and manage buses efficiently.

• Improved public transport accessibility and enhanced user convenience.

**3**.**LIFE-CART ecommerce application**

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| • • • | **Technologies:** React, Node js,UPI Payment Gateway  An ecommerce platform similar to amazon/flip cart help to shop, review, sell products **Key Features** | |
| o | Advanced search and filtering by Price, Rating, Category |
| o | UPI payment integration with order tracking facility |
| o | Dedicated admin Dashboard to manage users, orders, products |
| o | Review and rating option for products |

**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.