

# Amal Raj

## Python Developer

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An efficient, versatile, and motivated individual possessing extensive analytical skills, strong attention to detail. Demonstrates significant ability to work in team environments with strong interpersonal skills. Aiming to excel in the field of software development with a special interest in Python, Object-Oriented Programming (OOP) principles, SQL and Django framework. A charismatic and self-driven person with proven technical abilities who can lead, manage, motivate teams, and take responsibility on any day.

## Education

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**2016-05 - 2019-05**      **Bachelor of Technology: Electronics and Communication**

*Government Model Engineering College - Kochi*

GPA: 7.38/10, Relevant modules include: Probability, random processes and numerical methods, Computer organization, Digital signal processing, Digital communication, Object oriented programming, Speech and audio signal processing, Computer communication, Control systems, Real time operating systems (All 1st class).

**2012-05 - 2015-05**      **Diploma: Electronics Engineering**

*Govt. Polytechnic College Kothamangalam – Technical Education - Kerala*

GPA: 9.13/10

## Projects

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### Multi-Biometric Security System

- This project discusses the various scenarios that are possible in multimodal biometric systems, the level of fusion that is plausible and the integration strategies that can be adopted to consolidate the information. *Technology Used:* Python, Open CV, Fingerprint & Iris Recognition Module.

### Student Management System

- Created a student management system in python using object-oriented principles. Designed classes to represent students, courses, and enrollment information. Implemented features to add, update, delete student records and course details. *Technology Used:* Python, SQL, HTML, CSS, JavaScript.

## Online Workforce Management System

- The objective of this python project is to develop an online portal where job seekers to search for job openings, create profiles and apply for jobs online. Employers(recruiters) can post job openings, search for candidate and manage the application through job portal.

*Technology Used: Python, HTML, CSS, JavaScript, Bootstrap, Django Framework, SQL*

## Skills

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Python  
C  
MS Excel, MS PowerPoint  
SQL , Mongo DB  
HTML , CSS  
JavaScript  
Bootstrap  
Django  
React JS  
REST API  
Git  
Figma  
Communication  
Leadership

## Interests

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- Data science
- Big data
- Soft computing
- Software development
- Movies

## Languages

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| English   | ●●●●●<br>Excellent |
| Malayalam | ●●●●●<br>Excellent |

## References

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References available upon request