

# KARTHIK R K

📍 Palakkad, Kerala

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🌐 linked.in

## PROJECTS

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### Exploring Deep Learning architecture for Crops and Weed Identification:

Master of Computer Application

- Developed and implemented deep learning models, including CNN and EfficientNet, for classifying crops and weeds, achieving 91% accuracy with CNN and 99% with EfficientNet B3 and B4.
- Conducted comprehensive analysis on computational efficiency and model complexity, providing insights for practical agricultural applications.
- Authored a research paper detailing these findings, slated for presentation at the 2024 3rd International Conference on Artificial Intelligence for Internet of Things (AIIoT).

### Chef On Call:

Bachelor of Science in Computer Science

- Designed and implemented an online platform to facilitate the booking of professional chefs for home services, enhancing accessibility, convenience, and efficiency for users. The system features a user-friendly web interface and ensures secure and transparent transactions.
- Developed and implemented the "Chef on Call" online service system using JAVA, JSP, HTML, CSS, and MySQL on Eclipse for Windows 7/10, enhancing user convenience and transaction security, with plans for national expansion, email, messaging, and mobile access functionalities.
- **Future Scope:** Plans to expand the system to a national level, integrate email and messaging functionalities for chef-user communication, and enable mobile access to case details and progress updates.

## CERTIFICATIONS

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- **Data Science and Machine Learning Internship**  
YBI Foundation • 2024
- **Basics Of Python**  
Infosys Springboard • 2023
- **IP Addressing and IPv4 Subnetting**  
Infosys Springboard • 2023
- **Introduction to artificial Intelligence**  
Infosys Springboard • 2023
- **Basics of Python**  
Hacker Rank • 2024
- **Problem Solving**  
Hacker Rank • 2024
- **Python Bootcamp**  
Udemy • 2024

## EDUCATION

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Master of Computer Application CGPA-8.2  
Amrita School of Arts and Sciences (Amrita Vishwa Vidyapeetham) • Kochi • 2024

Bachelor of Science in Computer Science CGPA-6.97  
SNES Kalyani College, Karimpuzha (Calicut University) • Palakkad • 2022

All India Senior School Certificate Examination Percent-81.73  
Minor in Computer Science • Kerala HSE Board (DHSE) • 2019

Secondary School Education CGPA-8.4  
Central Board of Secondary Education (CBSE) • 2017

## SKILLS

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Programming Languages: Python, C++, Java, C, HTML | Software Development Life Cycle (SDLC) | Networking | Database Management Systems: MySQL | MS Word, MS Excel | Figma