

Karthik Rajan S

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## OBJECTIVE:

To secure a challenging position as a Software engineer in a dynamic organization that values innovation, creativity, teamwork and, where I can, utilize my knowledge and skills to contribute to the success of the organization

## SKILLS

Languages : Python, C++, JavaScript, Typescript, HTML, CSS, Java  
Frameworks : ReactNative, ReactJs, AngularJs, Streamlit  
Technologies : Andriod Mobile App development, Machine learning and Data Analytics  
Tools : Git, Firebase, MySQL  
Soft Skills : Problem solving, Leadership, Time management, Decision Making, Communication, Adaptability

## EXPERIENCE

### Internship

Singapore – June 2023

- Global Academic Internship Programme on 'Data Analytics using Big Data' in association with School of Computing @ National University of Singapore (NUS) and Amazon (AWS)
- Android Application Development Internship from PK Innovatives, Chennai, during Jan-Feb, 2023(Online)

## CERTIFICATION

- “Data Analytics using Deep Learning” certification from NUS Singapore during July 2023
- “Data Analytics using BIG Data” certification from AWS, Singapore during July 2023
- “Web Development Training” certification from Mood Indigo, IIT Bombay + Acemegrade, Aug-Sep’23
- NPTEL course (funded by MoE, Govt of India) in “Privacy & Security in Online Social Media” with a consolidated score of 78%, July-Oct’23
- NPTEL course (funded by MoE, Govt of India) in “Data Analytics with Python” with a score of 64% Jan-Apr’23

## EDUCATION

Easwari Engineering College Aug’21 - May’25, Chennai, India

Bachelor of Engineering - Computer Engineering; CGPA: 8.6

Alwin Memorial Public School Jun’19 - May’21, Chennai, India

12th Grade(HSC); Percentage: 95%

Alwin Memorial Public School Jun’18 - May’19, Chennai, India

10th Grade (SSC); Percentage: 91%

## PROJECTS

- Crop Recommendation System with Plant Disease Detection | Python, Streamlit, AI/ML, Neural Networks(ResNet50) - *This model predicts suitable crop & disease of the plant grown, that can be identified WRT given input features*
- Parkezy – A generic streamlined Intellectual Parking System using ALPR / RFID | Android studio, ALPR-API, Fire base, Java, RFID, Google Maps API - *This tool is comprehensive intellectual parking management & control system that offer a user friendly experience to both parking carriage holder and consumer*
- Deanonymization of illegal crypto transaction | Bitcoin Core, Python, React, Wireshark - *Developed a tool employing machine learning algorithms to classify transactions and wallets and analysing publicly available transaction information to form a Transaction Network Graph and identifying their IP*

## ACHIEVEMENT

- Winner of Smart India Hackathon, 2023, held at Amity University, Noida during Dec 2023 which was organised by Ministry of Education
- Presented a paper in the 7<sup>th</sup> World Conference on “Smart Trends in System, Security & Sustainability”, Aug’23 (accepted for springer LLN serious in scopus indexed journal)

## HOBBIES/OTHER INTERESTS

Practicing coding questions | Learning on Data Analytics | Playing Cricket |