

Karthik Prakash Sivakumar

A passionate, meticulous, and self-motivated software developer/tech enthusiast with a Bachelor's degree in Electrical and Electronics Engineering from PSG College of Technology, having excellent problem-solving, analytical, and programming skills. With 2+ years of experience in IoT and Software Development (Web/Mobile Application), I also possess extensive knowledge in cutting-edge technologies such as machine learning. Consistently recognized as an excellent team player with competent leadership, project management, and team management skills.



✉ karthiksiva1997@gmail.com

📱 9003435384

📍 Coimbatore, India

👤 linkedin.com/in/karthik-prakash-s

🌐 karthikprakash.xyz

💻 github.com/karthikprakash1997

WORK EXPERIENCE

Software Developer - Applications

Aximsoft

12/2019 - Present

Coimbatore, India

Achievements/Tasks

- Responsible for creating large-scale web applications using various frameworks and libraries in both front and back end.
- Appreciated for solving complex problems by combining multiple libraries, algorithms, frameworks effectively.
- Handled a team of three and mentored new members. Helped the team understand the technology and solve problems efficiently.

Internship

Delving R&D

12/2018 - 04/2019,

Coimbatore, India

Achievements/Tasks

- Developed an IoT-based disaster management system on the aftermath of Gaja Flood.
- The system aimed to predict the disturbances around the pole and hence protect them from natural calamities like cyclones.
- The system predicted the disturbance around the pole/distribution line and transmitted the location to the application via the internet.

Internship

TANGEDCO

05/2017 - 07/2017,

Coimbatore, India

Achievements/Tasks

- Developed an application for monitoring the circuit elements and controlling substations via the internet.
- The application aimed to display the real time data and control the circuit breakers and relays via the internet.
- Successfully designed and developed a cross-platform application to monitor and control the substation and demonstrated it using a prototype of a substation.

PROJECTS

Water Quality Measurement of Aquarium - PSG IAS

- To provide a safe and sustainable atmosphere for the fish in the aquarium, we developed a device that measured the pH of the water and alerts the user about the aquarium water state via an application.

Ultra Sonic Air Flow Measurement - PSG IAS

- Successfully Designed and developed an ultrasonic airflow measurement device to replace the thermos anemometer used in medical applications to reduce cost and improve performance.

EDUCATION

BE-EEE (SW)

PSG College of Technology

06/2014 - 05/2019

8.43/10

XII

Amrita Vidyalayam Matriculation Higher Secondary School

04/2013 - 03/2014

95.33%

TECHNICAL SKILLS

Software Development

IoT

Machine Learning

Matlab

Arduino

Node JS

React JS/Native

HTML/ CSS

JS

Python

C/C++

SQL

Git/ Github

Jira

Unity

SOFT SKILLS

Team Player

Project Management

Leadership

Problem Solving

ACHIEVEMENTS

Toppers Proficiency Award - EEEA

COURSES & CERTIFICATES

Machine Learning

By Coursera.com

06/2019

LANGUAGES

Tamil

Native or Bilingual Proficiency

English

Full Professional Proficiency

INTERESTS

💻 AI/ML

🏸 Badminton

📖 Reading

✍️ Writing