KARTHIK K

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in https://www.linkedin.com/in/karthik-k -2000kar10k

PERSONAL DETAILS

- Date of Birth   : 03/11/2000
- Marital Status : Single
- Nationality   : India
- Gender   : Male

OBJECTIVE

Dedicated Electronics and Communication Engineer with a comprehensive skill set in programming languages, embedded systems, and machine learning. Seeking to contribute expertise in hardware and software integration, coupled with a commitment to continuous learning, to a forward-thinking organization.

EDUCATION

(2018-2022)
- **Bachelor of Engineering (B.E) in Electronics and Communication Engineering**
St. Joseph's College of Engineering and Technology, Thanjavur
83.8%

(2018)
- **PGDCA (Post Graduate Diploma in Computer Applications)**
UCS Computer Center, Thanjavur
A+

(2017-2018)
- **HSLC (Higher Secondary Level Certificate)**
St. Antony's Higher Secondary School, Thanjavur
89.9%

(2015-2016)
- **SSLC (Secondary School Leaving Certificate)**
St. Antony's Higher Secondary School, Thanjavur
95.6%

EXPERIENCE

16-Aug-2022 -
Till Now
- **Graduate Engineer Trainee(RPA)**
HCL Tech (1 year 6 months)
Worked on projects involving Extractive Summary, RPA, Power Platform, Power Bi reports and Data Analysis.

PROGRAMMING LANGUAGES

- Python (Machine Learning)
- C (Embedded System Software Design)
- HTML,CSS (Bootstrap)
- JavaScript (node.js, Express, jQuery, react)
- Java (OOP Concepts)
- SQL (Database)

ADDITIONAL TECHNICAL SKILLS

- Power BI
- Power Automate
- Power Apps
- Artificial Intelligence

SOFT SKILLS

- Active Listening | Empathy | Teamwork | Problem Solving | Communication | Leadership | Work Ethic

COURSES

- Python with Machine Learning
- AI Apprentice to AI Architect
- Professional Machine Learning Engineer
- Embedded Systems
- Microsoft Power BI for Business Intelligence
- Power Apps Fundamentals
- Master Microsoft Excel Macros and Excel VBA
- Azure DevOps Boards for Project Managers/Analyst/ Developers

PROJECTS

- **Power Platform(RPA)(HCL Tech)**
  Managed the Power Platform Project, integrating Power BI, Power Automate, and Power Apps to create a centralized data ecosystem.
- **Extractive Summary(HCL Tech)**
  Led the Extractive Summary, implementing advanced algorithms to distill key information from extensive datasets.
- **Data Analysis Power Bi(HCL Tech)**
  Directed the Data Analysis Project, applying advanced analytical techniques to derive actionable insights from complex datasets.
  Created Reports using Power Bi(Power Query, DAX)
- **Crop Yield Prediction and Leaf Disease Detection(UG Project)**
  Developed a mobile application using Deep Learning algorithms to predict crop yields and detect leaf diseases. The project aimed at improving agricultural practices through technology-driven solutions..
- **Home Automation Using IoT(UG Project)**
  Developed a working model of Home Automation using IoT, showcasing innovative solutions for enhanced living environments.
- **Ultra Nano Implantable Device for Ear(UG Project)**
  Conducted a thorough analysis of older version devices, identifying drawbacks and presenting findings through a poster and paper presentation.

ACTIVITIES

- Bharat Scouts and Guides (6 years)
- National Service Scheme (4 years)

LANGUAGES

- Tamil (Read, Write, Speak)
- English (Read, Write, Speak)

ACHIEVEMENTS & AWARDS

- RAJYA PURASKAR Award (Recognized by the Tamil Nadu Governor in 2016)
- State Level Quiz Competition (2016-2017)
- District Level Winner - Tamil Poetry Competitions (2015-2017)

DECLARATION

I, Karthik here by assure that all the details furnished above are true to the best of my knowledge.

Yours faithfully,
K.Karthik