**RAJESWARI**

Dubai,Uae.

Visa Status: Visit visa/ Sponsors visa available if required

**CAREER OBJECTIVE**

Software Engineer with wide knowledge about .NET Technologies,C#,Asp.Net MVC and poses **3+ years of relevant experience** seeking a challenging career wish to associate with an organization that offers me the opportunity to grow.

**PROFESSIONAL SYNOPSIS**

* Experience in programming using C# and .NET Framework and ASP.NET MVC
* Experience in SQL databases and Mongo DB.
* Experience in HTML, CSS, JavaScript, jquery, responsive design and adaptive layout.
* Experience working with ASP .NET MVC,Web Application development.
* Experience in programming using Python,NodeJS.
* Knowledge in Microsoft office packages.
* Expertise in analyzing schematic diagrams
* Versed in both agile and waterfall development techniques.
* Skilled in requirements analysis and project documentation
* Algorithm development
* Excellent skill in troubleshooting and problem solving.
* Good Understanding of SDLC
* Proficient knowledge in using IDEs like Visual Studio 2008, Visual Studio Code, Sublime text, QT, Dev++,MPLAB X, Arduino IDE.
* Experience in Manual Testing and test case documentation.
* Experience in embedded system development
* Good understanding and experience on communications protocols such as UART, SPI, I2C.
* Extensive working experience with GSM 2G/3G, GPS, Bluetooth, Zigbee, Wi-Fi.
* Familiarized with common 8 bit micro controller families.
* Goodunderstanding of common microprocessor architecture, peripherals, and interfaces
* Proficient knowledge in using IDEs like MPLAB X, Arduino IDE, Proteus.
* Basic understanding of Embedded Linux
* Experience in Training students on Robotics based on STEM concepts and Conducting Internships based on Artificial Intelligence.

**PROFESSIONAL EXPERIENCE**

**VELOX INNOVATIONS**

SOFTWARE ENGINEER THRISSUR (08/10/2018 - 31/12/2019)

# Responsibilities

* + Requirement capturing
	+ Preparation of project specification for software and firmware development
	+ Development of algorithm for software and embedded firmware
	+ Software and Embedded firmware ware development
	+ Testing and debugging

# PROJECTS HANDLED

* AUTOMATED TEST EQUIPMENT (For M/s Indian Navy) - Ongoing

**Description:** The aim of the project is to test the feasibility of a SMPS which provides 4 different DC voltages .Line, load and ripple tests are to be conducted according to the commands given by a testing application run on a PC. The testing application takes the output voltages and ripple values and checks with the data saved in the database. The testing application has ASP.Net MVC application and web api. We need to ensure the hardware integrity before starting the test.

* AFC HOLIDAYS

<https://www.afcholidays.com/>

**Description:** Web solution to where travel packages are sold, it also have a back end management system for marketing and client management. It is an ASP .net MVC 5 application

Integrated CCavenu for payment.

Integrated Twilio and send grid for SMS and email communication

* HEALTHCARE PORTAL

**Description:** A centralized portal where hospitals, pharmacies and laboratories all connected together. A patient can access the details of hospital doctor and prescriptions medicines all through this application. it also have a back end management system for hospital management. It is an ASP .net MVC 5 application

Integrated CCavenu for payment.

Integrated Twilio and send grid for SMS and email communication

**RAPID TECHS**

JUNIOR SOFTWARE ENGINEER. (04/07/2016 - 29/09/2018)

# Responsibilities:

* + Training students on Robotics based on STEM concepts.
	+ Conducting Internships based on Artificial Intelligence
	+ Involved in streamlining the process of inculcating subjects of future technology such as IoT, AI, Process Automation and Robotics at the high school and university levels
	+ Programming based on Embedded C for micro-controllers for controlling Robots
	+ Circuit de-bugging and calibration of sensors and motor
	+ Assist Lead Robotics Engineer on various projects
	+ Gathering customer requirements and functional requirements and converting them to technical requirements.
	+ Preparation of software requirement specification
	+ Development of software
	+ Unit testing and Debugging
	+ Preparation of document and test cases

**PROJECTS HANDLED**

* FIRE DETECTION AND SAFETY UNIT ( For M/s Indian Navy )

**Description:** Fire Detection &Safety Unit is a complete system developed as a POC and presented at Naval Base, Cochin to introduce as a retrofit system in marine industry. It receives data from thermo- couple sensors installed at various positions in a marine vessel. This device is developed using 8Bit microcontroller which communicate with sensors via SPI protocol and transfer the data from one node to another node.

* VOYAGE DATA REPEATER ( For M/s Indian Navy )

**Description:** Voyage Data Repeater is a navigational instrument used in marine industry. It accepts NMEA 0183 sentences and processes the data as per the requirement. Device can listen to NMEA sentences with multiple baud rates. It incorporates large seven segment displays to show SOG and COG.

* CHANGEOVER SWITCH MONITORING SYSTEM (For M/s KSEB)

**Description:** It is a device used to send the status of short circuit occurrence to the KSEB engineer by monitoring the relay. The occurrence will be sent to preregistered numbers through GSM/LTE.

**EDUCATIONAL QUALIFICATION.**

ME (Computer Science and Engineering) :Anna University Chennai, 2016 with CGPA of 8.0 BE (Computer Science and Engineering) :Anna University,Chennai, 2013 with CGPA of 8.0 HSE (Science & Maths) :State Board Of Kerala,2009 with CGPA of 7.6

SSLC :CBSE,2007

**SKILL SESTS.**

* Strong in analytical & critical thinking
* Good presentation skills
* Good team player
* Target oriented
* Time bound
* Good Planning and organizational skills
* Enthusiastic
* Ability to deal with people diplomatically
* Interest in learning new technology
* Quick learner

**PERSONAL DETAILS.**

Age : 27

Gender **:** Female

Marital status **:** Married

Nationality **:** Indian

Languages known : English, Hindi, Malayalam,Tamil,Sanskrit

Personal Contact : rajeswari-396980@2freemail.com

Reference : Mr. Anup P Bhatia, HR Consultant, Gulfjobseeker.com 0504753686

**DECLARATION**

I hereby declare that the statements made in this resume are valid and correct to the best of my knowledge.

Dubai RAJESWARI