Karthik Balu

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**In quest of career enhancing opportunities in
Embedded Systems Development Domain**

SNAPSHOT

- Presently associated with **Visteon Corporation, Chennai a Software Engineer.**
- Bachelor of Engineering in Electronics and Communication from SRM Easwari Engineering College, Anna University
- Excellent communication & interpersonal skills with abilities in resolving complex issues.
- Ability to work under pressure and deliver results in order to meet company requirements and expectations.

AREAS OF EXPERTISE

Embedded Systems
Application Programming

CAREER SCAN

Aug'17– Till Date: Visteon Corporation as Software Engineer

- Supported the Hyundai Cluster Validation Team in Automation Migration Activities.
- Supported the Jaguar Land Rover Clusters Validation Team with sprint validation, logging over 30 defects.
- Supported JLR team extensively in Automation Migration Activities of several complex features.
- Supported JLR team in ASPICE certification process.
- Worked with CANoE, CAPL, PROVETECH

April'17– Aug'17: Freelance Embedded Engineer

- Supported Hardware and Software Integration for a stealth mode start-up.
- Identification of the right type of sensors for their IoT based devices.
- Employed socket-io client in Linux OS using python and transmitted sensor data in real-time.

Jan'17– Mar'17: INTERN at Econ Systems Private Limited

- Worked on Embedded System Programming, Imaging Applications and Implementation of Linux System Commands.

June'16 – Nov'16: INTERN at Ensemble Tech Private Limited

- Worked with Raspberry Pi-3 on projects based on Internet of Things

Additional Projects

SPEECH SYNCHRONISED BRAILLE PRINTER   **March 2017**
- Project to print the words spoken as Braille for use by the Visually Impaired in universities.
- Worked with Raspberry Pi3, Epson Dot Matrix Printer and Python/C Programming.

REAL TIME TEMPERATURE SENSING   **June 2016**
- Project to capture and log the current temperature.
- Worked with Raspberry Pi3 , LM35 Sensor, Plot.ly and Python Programming.

IT FORTE

- CAPL, VB .NET, C, C++, Python

ACHIEVEMENTS

- Won Electronics Design Contest(ELECTRADICTO)   **September 2013**
- Presented a paper on "Modeling and Control of Low Pressure Membrane Desalination Process" in MOES National Conference   **September 2014**
- Won Circuit Design Contest conducted by the Student Society of the Department of ECE, Easwari Engineering College   **September 2014**
- Recognized as outstanding volunteer of NSS- Easwari Engineering College   **2015-16**
- Participated in two 7-day Special Camps organized by the NSS Unit   **2015 and 2016**
- Recognized with "Silver Award" for outstanding performance and support in helping JLR Cluster team to achieve ASPICE LEVEL 3 certification.   **June 2018**

EDUCATIONAL CREDENTIALS

- Bachelor of Engineering in Electronics and Communication from SRM Easwari Engineering College, Anna University, Chennai in 2017 with 7.54 CGPA
- Class 12th from Zion Matriculation Higher Secondary School, Chennai in May 2013 with 97.67%
- Class 10th from Zion Matriculation Higher Secondary School, Chennai in May 2011 with 96.2%

PERSONAL DOSSIER

Date of Birth   : 20th November 1995
Present Address   : 13 Thiruvallur Street, Metha Nagar, Selaiyur, Tambaram, Chennai, 600073
Linguistic Skills   : English, Tamil
Interests   : Reading, Travelling