**Kartik B Bhargav**

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**OBJECTIVE:** I am an employee of VMware Software India Pvt. Ltd. I have Bachelor’s degree in Electronics and Communications and I am an expert software professional aspiring to become a Data Science Engineer.

**WORK EXPERIENCE:** Presently working in VMware Software India Pvt. Ltd., Bengaluru, as a software developer working on Windows Mobile Platform.

* At VMware, I am working on Windows Mobile Application development. I am responsible for solving the high priority software bugs and implementing proof of concepts.
* I even wrote the unit test cases for the entire source code and I even wrote a script in Python to automate the execution of unit tests as part of Continuous Integration and Continuous Deployment.

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| **UNDER GRADUATE QUALIFICATIONS:** | | | | | | | | | |
| SEMESTER | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | CGPA |
| SGPA | 8.89 | 8.89 | 8.26 | 7.81 | 8.22 | 8.66 | 8.66 | 8.91 | 8.51 |

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| **PRE-UNIVERSITY QUALIFICATIONS:** | | | | |
| Academic Institutions | Period (in years) | Degree (s) obtained | Areas of Study | Grades or Percentages |
| SSSLS PU College, Alike | 2009-2011 | Pre-University | Science(PCMB) | 90.66% |
| SSSLS High School, Alike | 2006-2009 | High School | Not Applicable | 94.40% |

**TECHNICAL SKILLS:**

* C, C++, Java, Embedded C for AVR microcontrollers
* Digital System Design
* Python, Data Science
* Embedded Systems
* MATLAB
* Git

**PROJECTS:**

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| **Optical Musical Note Recognition [OMR]** | **Completed** | **Undertaken as a part of curriculum in 8th semester** | * Here, the musical notes present on an image of musical score sheet are recognized and the music corresponding to the notes will be generated. |
| **TachLCR – Low Power Low Cost LCR meter with Tachometer** | **Completed** | **Undertaken as a part of curriculum in 6th Semester** | * This hand-held device can efficiently measure Inductance, Capacitance, Resistance and the speed of the motor drive. |
| **SPI to USB data transfer with User Interface implemented on Vinculum RTOS platform.** | **Completed** | **Under the Internship at Systems Lab, CeNSE, Indian Institute of Science, Bengaluru** | * The data acquired in the **MSP430** MCU will be stored in a pendrive connected to the **V2DIP2-32** module in **.txt** or **.csv** file format along with User Interface. |
| **Physical Exercise Responsive IR based alarm clock** | **Completed** | **Completed as a part of VPM 3.0, 2012 in SJCE** | * Here, the user must perform exercises in between sensors and after the preset number of exercises are done by the user, the alarm will go OFF. |
| **74xx IC tester** | **Completed** | **Completed as a part of VPM 4.0, 2013 in SJCE** | * The device can check the working of basic ICs (basic gates) of 74xx series. |

**AWARDS AND ACCOLADES:**

* Won the second prize in National Level Android Application Development competition conducted by iCAIN in March’15.
* Won 2nd place in VPM 3.0 conducted by IEEE-SJCE EDS.
* Won 2nd place in Ennovation-2013, conducted by IEEE-SJCE EDS.
* Won 3rd place in Anveshana 2013, a project fair conducted by Agastya International Foundation.
* Secured an **engineering rank** of **326** in **Karnataka**-**CET** in 2011.

**ACHIEVEMENTS AND EXTRA-CURRICULAR ACTIVITIES:**

* I have released several Android Applications in the Google Play Store: **Celestial Chase**, **Basic 8086**, **Basic 8051** and **DSP LabMate** and many more.
* **Basic 8086,** which I have developed has been downloaded more than 25000 times worldwide. The total installs of the all my apps is more than 50000.
* I conducted Robotics Workshop at Maharaja Institute of Technology in April’15.
* Conducted **Vacation Internship Program 1.0** in ATME College of Engineering in July ’14
* Conducted **Vacation Project Mania 5.0** in SJCE, organized by IEEE-SJCE EDS in June 2014 to July 2014.
* I co-founded **Grape Labs**, where I conduct hands on workshops on various trending topics and I am the Android developer who developed many educational apps
* Organized an event, “**Amaze**” as a part of **Cyberia** **2014**, a line follower robot competition where participants built line follower robots.
* Conducted and volunteered “**Soldering and Etching**” workshop in September 2013.
* I was instrumental in organizing “**YANTHRIX**”, a Robotics workshop by IEEE-SJCE EDS for 2 days in 2014.
* Secured the rank of 161 in **NEST EXAM** conducted on January ’14.
* Participated in TCS Tech- Bytes in our college in May 2014.
* I am an active **IEEE member**.

**HOBBIES:** Playing keyboard, Song Writing, Listening to music