

KARTHIK K R

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OBJECTIVE

To seek challenging assignment and responsibility, with an opportunity for growth and career advancement, to utilize my technical skills as well as leadership qualities in order to take the organization forward.

ACADEMIC QUALIFICATION

Institute	Board/ University	Qualification	CGPA/ Percentage	Year of Completion	
BMS College of Engineering (BMSCE)	Visvesvaraya Technological University (Autonomous under VTU)	3 rd Year (ECE)	9.73		2018
			6 th Semester	9.48	
			5 th Semester	9.76	
		2 nd Year (ECE)	9.78		2017
			4 th Semester	9.44	
			3 rd Semester	9.84	
		1 st Year (ECE)	9.92		2016
			2 nd Semester	9.92	
			1 st Semester	9.92	
Sri Bhagawan Mahaveer Jain College, VV Puram (SBMJC)	Karnataka Pre-University Board	II PUC (PCMB)	96.00%	2015	
Deccan International School (DIS)	Indian Certificate of Secondary Education (ICSE)	10th	94.83%	2013	

INTERNSHIPS

- **Siemens Healthcare Pvt. Ltd. (Bangalore)** (Jun 2017 - Jul 2018)
The internship involved process automation to extract Test cases, Report consolidation, Defect mining using Python, repair of results portal and process automation for installation and setup of a remote server-client infrastructure.
- **Resonous Technologies Pvt. Ltd. (Bangalore)** (Jun 2016 - Jul 2016)
The internship involved content writing regarding VoLTE, LTE Architecture and market research on LTE Base Stations in aircrafts. Content development was also done on Business Plans, Newsletters and Website Documentation.

PROJECTS

- Design of CMOS Symmetric Schmitt Trigger Using Cadence (Jan 2018 – May 2018)
- Development of Quadrature PSK Modulation System (Jan 2018 – May 2018)
- Research on DSP Techniques in Western Classical Music (Aug 2017 – Dec 2017)
- Integrating Bluetooth Communication with Arduino (Aug 2017 – Dec 2017)
- Study of RTX51 Tiny Operating System for 8051 Microcontrollers (Jan 2017 – May 2017)
- Motor Control Using Tactile Sensor (Jan 2017 – May 2017)
- Portable Mobile Battery Charger (Aug 2016 – Dec 2016)

SKILLS

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|--------------|---------------------------|---------------------|
| • Embedded C | • Cadence Virtuoso | • Batch Programming |
| • C | • MATLAB | • VBA |
| • C++ | • LT Spice | • HTML |
| • C# | • NI Multisim | • Latex |
| • Java | • Verilog (Xilinx Vivado) | • MS-Office |
| • Python | • A51 Assembly | • GIMP |

PERSONAL STRENGTHS

- Eager to work and progress in a team environment
- Attentive towards minute details
- Goals oriented
- Quick learner

CO-CURRICULAR ACTIVITIES

- Undertaking research work for RF link design of BMSCE Satellite Program (ongoing)
- Active member of IEEE-BMSCE Chapter, IETE-BMSCE Chapter and ELSOC
- Visited the manufacturing facility of Schneider Electric India Pvt. Ltd. (2018)
- Awarded BMSCEAN Merit Scholarship for odd semester of 2016-2017 (3rd sem)
- Audited Open Course on Digital Electronic Circuits by MIT(USA) (In association with EDX) (2017)
- Volunteer: Tardis – organized by Alternate Universe (Astronomy Club), in Phase Shift 2016
- Volunteer: Electroblitz – organized by Department of ECE, in Phase Shift 2016
- Runner-Up: Confoundo 2.0 – BMSCE Pentagram (Mathematics Club) in Phase Shift 2016
- Winner: Infinite Regress – BMSCE Pentagram (Mathematics Club) in Phase Shift 2015
- KVPY Fellow for 2015, with All India Rank 579
- Winner: CONQUIZTADOR (Science & Technology Quiz) in SBMJC Renaissance, 2014
- Winner: SBMJC Lecture Competition - Physics (2014-15, 2013-14), Chemistry (2013-14)
- Felicitated with Academic Excellence Award, 10th Graduation Ceremony, 2013
- Runner-Up: Innovate Challenge, Deeksha I-Cube Science Fest, 2012
- Published three articles in Deccan Herald Student Edition Newspaper

POSITIONS OF RESPONSIBILITY

- Placement Coordinator for Department of ECE, 2018-2019
- UG Student Head for RF Link Design, BMSCE Satellite Program, 2018 - present
- Core Member & Head of Communications and Marketing, TEDxBMSCE, 2018
- Treasurer, Inksanity – Literary Society of BMSCE, 2018
- Student Coordinator, Siemens Make IT Real Hackathon, 2017
- Member, Editorial Team, Virtuoso (Magazine by Dept. of ECE), 2017
- Coordinator, Publicity & Marketing – BMSCE Phase Shift 2017
- Coordinator, Publicity & Marketing – BMSCE Phase Shift 2016
- Coordinator, Publicity & Marketing – BMSCE Utsav 2017
- Committee Member, Communications and Marketing, TEDxBMSCE 2016

LANGUAGES

Language	Speak	Read	Write
English	✓	✓	✓
Kannada	✓	✓	✓
Hindi	✓	✓	✓
Telugu	✓	✓	

PERSONAL DETAILS

Date of Birth: 09th May, 1997
 Father's Name: Ramakrishna K N
 Mother's Name: Padmaja
 Address: #11/20-1, 4th B Cross,
 5th Main, Hanumagirinagara
 Bengaluru – 560061

ADDITIONAL DETAILS

- Western Classical Guitarist (Appeared for Madhya Exam by Bangiya Sangeeta Parishad)
 - Perform Spoken Word Poetry (<https://youtu.be/10ACmIDyMd4>)
 - Write stories, muses, poems (www.sharingblogideas.com)
 - Hosted three quiz competitions for Alumni service - CCA 2018, 2017 and 2015 at DIS
 - Represented School in Swimming Competitions
 - Enthusiastic about Cycling, Mountaineering, playing Paintball, Laser Tag and Foosball
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