Jagadeesh Kumar

Zugspitzstraße 80
85591 Vaterstetten
0176 / 24082328
Email: Jagadeesh.srmuniv@gmail.com

Date and place of birth: 05.01.1994, Chennai, India
Nationality: Indian

Education

09/2016 – today

Master of Engineering
Hochschule Ravensburg - Weingarten
Major: Electrical Engineering and Embedded Systems
Focus: Embedded Hardware and Software Development

06/2011 – 07/2015

Bachelor of Technology
SRM University, India
Major: Electronics and Instrumentation Engineering
Focus: "Instrumentation" and "Analog/Digital Electronics"

05/2009 – 05/2011

AISSCE
Abitur Equivalent
Srimathi Sundaravalli Memorial School, Chennai, India

Work Experience

08/2017 – today

Master Thesis
Technische Universität München
- Delivering a hardware solution for TDLAS system
- Develop and implement the TDLAS control circuit
- Simulate and compare the results

08/2015 – 07/2016

Electronics and Flight Control Engineer
Skylark Drones Pvt. Ltd., India
- Responsible for the electronics integration and monitoring the health of the drones
- Managed the on-field operations and responsible for live aerial surveillance data acquisition from in-flight drones

11/2016 – 12/2016

Work Student (Software Developer)
Boehringer Ingelheim Pharma GmbH, Biberach
- Developed a Raspberry Pi based eHealth monitoring system
- Simultaneously upload the feed values from different health sensors to the cloud

Skills

Languages	English - TOEFL Test (Professional proficiency)
	Deutsch (B1) – Working proficiency
	Tamil, Hindi (Mother tongue)
IT	Microsoft Office (Word, Excel)
	NI LabVIEW
	VHDL, EAGLE PCB Design
	MATLAB/ Simulink
	SystemC, C/C++
	Adobe Photoshop
	Windows, LINUX & MacOS

Voluntary Activities

05/2011 – 06/2011

EXNORA
Chennai, India
Team work, Environment Friendly, Community Engagement
- Led the GO GREEN team and did projects on Zero Waste Management

08/2013 – 09/2013

EIEIA'13
Leadership, Sociable, Contact Friendly
- Event coordinator for the department symposium EIEIA'13
- Active member of the event and social committee
- Member of the Hospitality domain

Certificates

05/2014 – 06/2014

Certificate of participation in the Annual CanSat Competition, 2014, organized by AIAA and NASA in Texas, USA

Since 06/2017

Certified LabVIEW Associate Developer (CLAD)
Hochschule Ravensburg-Weingarten

Private Interests

Playing Cricket and Swimming, German Culture, RC pilot and designer.

Munich, 03.01.2018