Jagadeesh Kumar

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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, 02/01/2018