Jagadeesh Kumar

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Email: [Jagadeesh.srmuniv@gmail.com](mailto: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

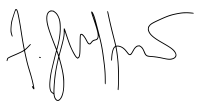
 Certificates

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, 02/01/2018