

# PrithviRaj Narendra

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*I'm a co-founder of Appiko, an early stage start-up whose mission is to develop technology for wildlife conservation. I care about sustainability and conservation of the environment. I am proficient with embedded systems and lean iterative development cycle of designing, prototyping and testing for mass manufacturing electronic devices.*

## Experience

### Working

- Oct 2017 – **Co-founder**, Appiko, Bengaluru.  
present As a founder I've to keep track of Appiko's big picture while managing of the day to day firefighting activities. I've lead and taken part in the development and manufacturing of long-range animal warning systems and low-power low-cost app-controlled camera trapping equipment.
- Aug 2015 – **Embedded Engineer**, Lofelt, Berlin.  
Jan 2017 Firmware & factory test routine development during the entire product development lifecycle of Basslet.
- Nov 2014 – **Firmware Engineer**, BluVision, Berlin.  
Apr 2015 Firmware and Android app development engineer for Bluetooth beacons.
- Oct 2011 – **Research Assistant**, DESE, Indian Institute of Science, Bengaluru.  
Jul 2012 Being the project assistant of Dr. André Pittet I was involved in the complete product design cycle of fabricating gadgets such as camera traps and animal collars for wildlife researchers.

### Projects

- Jan 2014 – **Master Thesis**, Swedish Institute of Computer Science, Stockholm.  
Sep 2014 Comparison of BLE and 802.15.4's data rate, latency, reliability and energy consumption.
- Feb 2009 – **Team Member/Leader**, Project STUDSAT-1/2, Bengaluru.  
June 2011 In STUDSAT-1, India's first student pico-satellite, I developed the electronics and software for the camera payload and lead the entire 25+ people team in the STUDSAT-2 for a year.

### Publications

- Oct 2015 **BLE & IEEE 802.15.4 in the IoT: Evaluation & Interoperability Considerations**, *Proceedings of the International Conference on Interoperability in IoT (EAI InterIoT 2015)*.

## Education

- Sep 2012 – **Masters in EIT Digital Master School**,  
Sep 2014 Major in *Embedded Systems*, Minor in *Innovation and Entrepreneurship*.  
Year 1: *Technische Universiteit Eindhoven*, Eindhoven; Year 2: *Royal Institute of Technology*, Stockholm
- Sep 2007 – **Bachelors in Electronics and Communication**, RV College of Engineering, Bengaluru.  
May 2011 Best Outgoing Student Award from the Electronics & Communication Dept. for the 2007-11 batch.

## Additional Experience/Volunteer

- Mar 2017 – **Driving Force**, Embedded for Her program.  
Aug 2017 Embedded for Her is a skill development program in the field of embedded systems for women to increase gender diversity in this domain. I lead this program full-time with volunteers from FSMK.

## Further Info

LinkedIn [linkedin.com/in/prithvirajnarendra](https://www.linkedin.com/in/prithvirajnarendra)

Github [github.com/EarthLord](https://github.com/EarthLord)