

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 co-founder I've to keep track of Appiko's big picture while making sure that the day to day firefighting activities are in progress. I am working hands-on with my team to develop and manufacture long-range animal warning systems and low-power low-cost app-controlled camera trapping equipment in quick iterations with constant feedback from customers. I am learning to lead and delegate all the aspects of starting and running a start-up, including business development, marketing financial accounting, recruitment, brand development and cultivating an envisioned company culture.
- 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.

Publication

- 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 + References

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

Github github.com/EarthLord