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 – present
Co-founder, *Appiko*, Bengaluru.
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 – Jan 2017
Embedded Engineer, *Lofelt*, Berlin.
Firmware & factory test routine development during the entire product development lifecycle of Basslet.

Nov 2014 – Apr 2015
Firmware Engineer, *BluVision*, Berlin.
Firmware and Android app development engineer for Bluetooth beacons.

Oct 2011 - Jul 2012
Research Assistant, *DESE, Indian Institute of Science*, Bengaluru.
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 – Sep 2014
Master Thesis, *Swedish Institute of Computer Science*, Stockholm.
Comparison of BLE and 802.15.4's data rate, latency, reliability and energy consumption.

Feb 2009 – June 2011
Team Member/Leader, *Project STUDSAT-1/2*, Bengaluru.
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 – Sep 2014
Masters in EIT Digital Master School,
Major in *Embedded Systems*, Minor in *Innovation and Entrepreneurship*.
Year 1: *Technische Universiteit Eindhoven*, Eindhoven; Year 2: *Royal Institute of Technology*, Stockholm

Sep 2007 – May 2011
Bachelors in Electronics and Communication, *RV College of Engineering*, Bengaluru.
Best Outgoing Student Award from the Electronics & Communication Dept. for the 2007-11 batch.

Additional Experience/Volunteer

Mar 2017 – Aug 2017
Driving Force, *Embedded for Her program*.
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`   Github `github.com/EarthLord`