

Anuraj R.

M.Sc.(Tech.) Space Robotics and Automation
M.Sc. Product Management(Ongoing)

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Embedded Systems and Robotics Professional with a decade of experience in building hardware and software for Automotive, Space, Telecom and Consumer Electronics Sectors.

Experience

- June,2020– Present **Software Engineer, Unikie Oy**, Oulu, Finland.
- Nov-2015– May,2020 **Embedded Software Engineer, TactoTek Group**, Oulu, Finland.
- April,2014– June,2015 **Robotics Engineer, Probot Ltd.**, Oulu, Finland.
- Jan-Apr, 2011 **Sr. Project Assistant, Bharti School., IIT-Delhi**, New-Delhi, India.
- Jul-Dec,2010 **Project Assistant, Bharti School., IIT-Delhi**, New-Delhi, India.

Education

- 2017– Present **Master of Science in Product Management(Ongoing), University of Oulu**, Finland.
- 2011 – 2013 **Master of Science(Technology) in Space Robotics and Automation, Aalto University**, Finland.
Master of Science in Space Technology, Luleå University of Technology, Sweden.
[Erasmus Mundus Double Degree Master’s Thesis](#)
Title: Terrain mapping near the vehicle, SLAM¹ and global map building for lunar rover.
Thesis Grade: 4/5
- 2006 – 2010 **Bachelor of Technology in Electronics Engineering, Sardar Vallabhbhai National Institute of Technology (SVNIT)**, India.
[Bachelor’s Thesis](#)
Title: Design of Medical Ventilator. Thesis Grade: 9/10

Technical abilities and skills

Languages	C/C++, Python, bash-scripting, C#, Matlab and VHDL	Embedded Protocols	SPI, I2C, CAN, USART/UART, LIN
Operating-System	Linux(Both Slackware and Debian Systems) and Windows	Micro-controller	ARM Cortex-M0, Cortex-M0+, Cortex-M3, AVR (8 bit and 32 bit), 8051
Electronics	Electronic System Design, PCB Designing	Other Software Version Control	Matlab, LabView, AVR Studio, AVR Toolchain for Linux git, mercurial, svn
Documen-tation	LaTeX and MS Office		

Awards and Recognitions

- Received **full scholarship** for two years from the European Union to pursue Master’s Degree Programme in Space Science and Technology.
- Selected for the prestigious **national-level scholarship/internship** programme called Kishore Vaigyanik Protsahan Yojana (KVPY⁴) in 2008 by Indian Institute of Science, Bangalore, India and Indian Institute of Technology-Bombay(IIT-Bombay), which is given to encourage research in India.
- Won the first prize** in the event “Open-Hardware-Innovision” (**Competition for Innovative Ideas**) at TECHFEST-2008, IIT-Bombay’s technical festival which is considered to be the largest technical festival in Asia.
- Won the first prize** in the event **Scientist for a Day** organized by Institute of Plasma Research, Ahmedabad, India, 2005.
- Secured an **All India Rank of 3738** out of approximately 300,000 students (**top 1.5%**) in IIT-JEE³-2006 which is the most competitive Engineering Entrance Examination in India.

¹Simultaneous Localization And Mapping
²Brush-Less Direct Current
³Indian Institute of Technology-Joint Entrance Examination
⁴Kishore Vaigyanik Protsahan Yojana - Translates to Young Scientist Encouragement Programme