

Anuraj R.

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

 [anuraj-rp.github.io](https://github.com/anuraj-rp)
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Embedded Systems and Robotics Professional with a decade of experience in building hardware and software for Automotive, Space and Consumer Electronics Sectors.

Experience

- Nov-2015– Present **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

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|-------------------------|--|---------------------------|--|
| 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 | Matlab, LabView, AVR Studio, AVR Toolchain for Linux |
| Documen-tation | LaTeX and MS Office | Version Control | git, mercurial, svn |

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.

References and detailed CV avaiable upon request

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