

Rajendra Singh

E-Mail : 111601017@smail.iitpkd.ac.in

Fourth year,
Computer Science and Engineering
Indian Institute of Technology, Palakkad

Address : Tilang B Boys Hostel, Transit campus,
IIT Palakkad, Kanjikode, Kerala 678557

Phone : +91 7073091997

Web : [LinkedIn](#), [github](#)

DOB : 27th Nov 1997

EDUCATION

Program	Institution	%/CGPA	Year of Completion
B. Tech	Indian Institute of Technology, Palakkad	7.19	2017 (Till VI Semester)
XII	Delhi Public School, Udaipur	89%	2016
X	Delhi Rajasthan Public School, Rajsamand	96%	2014

SCHOLASTIC ACHIEVEMENTS

- Selected for [Kishore Vaigyanik Protsahan Yojana](#) (KVPY) Fellowship
- In top 10, [Class 10](#) , Board of Secondary Education, Rajasthan
- [Best Student of Year Award](#) 2014 – 15, Rajsamand
- [Merit Scholarship](#) Class IX and X, Army Welfare Education Society

TECHNICAL SKILLS

- AI and Robotics**
I'm skilled at ROS, RL, brain computer interface, embedded system, robot control and manipulation.
- Deep learning and data science**
I interned on NLP and did several projects.
- Competitive Programming**
I participated in various competitions and have strong hold on C++, Python and Java.

PROJECTS

- Built [Automated Toilet Cleaning Robot](#), Ranked 6th in Inter IIT 2017 -18, IIT Madras
- Built an [IOT Based Autonomous Farming](#) under Makerthon 2017, Lema Labs, IIT Madras Research Park
- Built electrooculogram based Assistive Communication System
- Built ros based autonomous navigation and mapping [robot](#)
- [Satellite Image Classification](#), Inter IIT 2018-19, IIT Mumbai
- [Swarm](#) of two Unmanned aerial vehicle, Smart India Hackerthon 2019

EXPERIENCES

- Vistaar Program, IIT Madras May-June, 2017
Built [Prusa i3 3D Printer and 3D Printed Robotic Arm](#)
- Data Science intern, Researchshala, Chandigarh May-July, 2018
Worked on [various](#) NLP techniques
- Summer intern UST Global, Trivandrum May-July, 2019
[Implemented](#) SLAM and robot manipulation.

POSITION OF RESPONSIBILITY

- Former head of Robotics Club, IIT Palakkad
- Event coordinator, Rajasthan-Assam, EBSB, IIT Palakkad

RELEVANT COURSES AND WORKSHOPS

Courses

- Probability, Linear Algebra
- ML, AI, RL and DL
- Robot manipulation and control

Workshops

- Machine Learning Workshop
- Robotic Basics and Advance Workshop
- IOT Workshop

EXTRACURRICULAR ACTIVITIES

- Active member of Data Analysis Club, IIT PKD
- Volunteer to teaching at secondary school of Palakkad under NSS, IIT Palakkad

REFERENCES

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|---|--|
| • Dr. Piyush P. Kurur , Professor
Department of Computer Science and Engineering
IIT Palakkad
E-Mail: ppk@iitpkd.ac.in | • Dr. Deepak Rajendraprasad , Assistant Professor
Department of Computer Science and Engineering,
IIT Palakkad
E-Mail: deepak@iitpkd.ac.in |
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