

SUMMARY

Graduate in electronics and communication engineering with experience in analyzing, inferring and optimizing of governmental models, prototyping, testing and validating of algorithms in swarm robotics, analyzing and proposing applications in transparent electronics

- Knowledge about engineering concepts and a proven ability to ideate and prototype applications in IoT, statistical analysis and swarm algorithms.
- Ability to adapt rapidly to new environments and fields of study, such as mathematical modeling, data analysis and its applications across fields such as swarm algorithms and governmental models.
- Socially committed and an active participant in building a technologically aware and active community of youngsters, thereby empowering them to solve the vital challenges of society through technology and alternative education.

EDUCATION

- **Government Engineering College** Barton Hill, Thiruvananthapuram, India
Bachelor of Technology in Electronics and Communication; GPA: 7.02 July. 2015 – June. 2019
- **Kerala State open school** Calicut, India
Percentage: 91 June. 2013 – May 2015

EXPERIENCE

- **FOSSEE-IIT Bombay** Thiruvananthapuram, India
Fellowship March 2019 - July 2019
 - **RECYCLE**: Statistical analysis of current waste management model in Thiruvananthapuram district of Kerala, India and successful development of an optimized decentralized waste disposal model.
 - * Identifying and collection of key data points.
 - * Statistical analysis of collected data.
 - * Developed mathematical model based on the results inferred from the statistical analysis.
- **Infinity Labs** Technopark, Thiruvananthapuram, India
Internship Sept 2017 - Dec 2017
 - **Research Intern**: Conduct research and prototype products in the fields of nanomaterials and autonomous vehicles.
- **All India Radio** Thiruvananthapuram, India
In-Plant trainee July 2016
 - **In-Plant trainee**: 1 week training at the different facilities and studios of AIR Thiruvananthapuram where we were made familiar with the different devices and techniques they used at their facilities.

VOLUNTEER EXPERIENCE

- **Sahridhaya** Statue, Thiruvananthapuram, India
Developer Dec 2018 - Present
 - * **Sahridhaya**: aims to bring the youth a fresh opportunity to participate in social events and establish the need for social responsibility and social commitment.
 - * **Bit Please**: A group of college students initially formed to learn programming and problem solving skills. The latest achievement of our team was working with the district collectors office on optimization problems on waste management model followed in the city.