Vasant Joseph

Budding Engineer

D.O.B: 28-02-2001

CONTACT

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SKILLS

- C++
- Python
- Z-OS
- HTML
- Db2
- Adobe XD
- Embedded C
- Fusion 360 & Eagle
- Embbeded Systems
- Microcontrollers
- Assembly Language
- UI & UX Designing
- Adobe Photoshop
- Adobe Illustrator
- Adobe InDesign
- Ethical Hacker
- Organizing Events
- Public Speaking

PROFILE

" I am 20 year old University student from India. My aim of life is to be happy and find my ikigai. To find that one thing which you are good at, which makes you happy and which is usefull for the World. "

EDUCATION

Pres. **UNDERGRADUATE**
B.Tech in Electronics and Communication
Cochin University of Science And Technology,
Kalamassery, Ernakulam, Kerala, India.

2019 **HIGH SCHOOL**
Bhavan's Varuna Vidyalaya, Thrikkakara,
Ernakulam, Kerala, India

NATIONAL/INTERNATIONAL ACCHIVEMENTS

2021 **MARS ROVER CHALLENGE**
Got placed in the European Rover Challenge with rank 32 and University Rover Challenge with rank 88 globally.

2018 **NATIONAL INNOVATION AWARD**
Dr. Pradeep Thevannoor innovation award for a new gen Heavy metal water purification system, 'Bio Purifica'.

2018 **IBM MASATER THE MAINFRAME CERTIFICATION**
International IBM Master the mainframe Competition. The Youngest School Student in India to receive an IBM Certification.

2018 **IBM MASATER THE MAINFRAME WALL OF FAME**
Got into the prestigious wall of honour maintaining years of heritage of the competitions at IBM.

2017 **SECOND RUNNERS UP - NASA SPACE APP CHALLENGE**
International NASA Space App Challenge Hackathon, Bangalore leg, Karnataka, India.

ACCHIVEMENTS

2021 **WINNER OF RACKING BRAINS HACKATHON**
A National Mini Hackathon, conducted as part of the IEEE Student Humanitarian Technology Conference.

2019 **WINNER OF MAKE-A-TON HACKATHON**
Social Commitment category winner in the State Level College Hackathon conducted by CUSAT University.

2018 **WINNER OF STATE LEVEL CBSE SCIENCE EXHIBTION 2017-18**
Thereafter represented my State Kerala at the National level CBSE Science Exhibition,Delhi, India.

2018 **SHRI SUBRAMANIAM AWARD FOR EXCELLENCE IN CHARACTER**
Honour of receiving the prestigious award for Excellence in Character issued by Bharatiya Vidya Bhavan.

2017 **ACCADAMIC MERIT AWARD**
Merit Award for acquring CGPA grade 10 (A1) in all subject for CBSE Class 10th Exam 2016-17.

2017 **GOOGLE CODE TO LEARN COMPETITION**
Became one among the Top 10 National finalist in India, in the under 15 years age category.

PROJECT EXPERIENCE

2021 **MARS ROVER**
Made a fully working Mars Rover to test and determine the presence of life on Mars.

2021 **GESTO**
A gesture based home automation system.

2021 **VOICE OF CROPS**
A cost-effective, wild animal crop protection device.

2020 **E-DICE**
A custom build electronic version of the classic board game dice.

2020 **EVA - ELECTRIC VEHICLE ASSISTANT**
Research project to make a vehicle assistant to tackle the current EV issues like Range and charge anxiety.

2019 **FARMUP**
A new-gen digital approach for promoting backyard & rooftop farming in urban cities.

2018 **BIO PURIFICA**
A new generation Heavy Metal Water Purification System, based on biodegradable nanotech polymer.

EXPERIENCE

2021 **IEEE CUSAT SB VICE-CHIAR**
Assisted the branch chair to oversee the subcomittes under the branch and managed activities for the technical welfare and growth of the university engineering students. 2020-21, 2021-22.

2021 **IEEE CUSAT SB TREASURER**
Ensured the financial health of the SB by managing the budget and report the financial activites. 2021-22.

2020 **HEAD OF PROJECTS - SEDS CUSAT**
Provided the students with the required skills to sharpen thir minds & to make them capable enough to do research and build projects for the betterment of humanity and space.

2020 **MICROSOFT LEARN STUDENT AMBASSADOR - BETA**
Drove usage of Microsoft Technologies and programs to the students and educators of my University.

2020 **CREATIVE DIRECTOR - GOOGLE DEVELOPER STUDENT CLUB CORE TEAM CUSAT**
Came up with innovative ideas to promote coding among students and manged the club media works.

2020 **SCIENCE TEAM LEAD**
Lead a team of students, where we researched and implemented the science module for our Mars rover.

2020 **INTERN - FLYERBIN**
Handled the responsibilieties of Market Research on how constomers engage with shop flyers.

2020 **VOLUNTEER**
Facebook Developer Circle Kochi, TinkerHub, Student Developer Society, IEEE, EDGYHACK, TedXCUSAT