

RISHIKESAVAN RAMESH

Mechatronics Engineer

- automationwith.rishikesavan@gmail.com
 - Salem, Tamilnadu in rishikesavan-ramesh
- **J** +91 9500363353
 - RishikesavanRamesh

STRENGTHS

C Programming

Control Systems

Emacs

LaTeX | Linux | Matlab

PCB design | PLC | IOT

Python

ROS1

UI/UX Communication skills

Critical thinking

Strategy

Technical writing

Teamwork

Troubleshooting

ABOUT ME

A dynamic and motivated individual with a passion for Linux and technology, driven by a desire to solve complex problems. Always striving to learn and improve, with strong communication and teamwork skills.

EXPERIENCE

Graduate Innovation Engineer Trainee | Forge Innovation and Ventures

iii Oct 2022 - Feb 2023

- Coimbatore, Tamilnadu
- Exposed to work environment in organisations.
- Participated in workshops on PCB designing, UI/UX, Web development, ROS, PLC, NI LabVIEW, and IoT.
- Collaborated with teams to apply learned skills and knowledge to develop minimum viable prototypes for startups.

LEARNING

Cybersecurity

Japanese

Computer forensics |

OSINT

Linux System Administration

FEA CFD ROS2

Operational Engineer Trainee | Rane Engine Valve Limited

June 2022 - June 2022

Trichy, Tamilnadu

- Ensures the smooth functioning of complex systems and processes, and works to improve their efficiency and effectiveness.
- Monitors, troubleshoots, and maintains various types of equipment and technology, while also implementing safety measures and protocols.

LANGUAGES

Tamil: Native **English: Intermediate** Japanese: Beginner / N5

EDUCATION

B.E. Mechatronics | Dr. MCET

- **a** Aug 2019 May 2024
- CGPA: 9.76 (currently)
- Pollachi, Tamilnadu

PROJECTS

DeepInspect | 😯 | 🌐

- Nov 2022 Jan 2023
- Developed a Raspberry Pi-based system with image processing techniques and laser points to aid in depth perception for monitoring and accurately identifying the size of cracks in underwater structures using a Pi cam.

NOverSpeed | 😯 | 🌐





- **Mar 2022 May 2022**
- Matlab simulation of vehicle behavior and accident analysis, demonstrating the importance of avoiding over-speeding for better accident avoidance.