<div align="center">**RESUME**</div>

**Suraj Vilas Patil**                                                                                    **B.Tech (E &TC)**

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**Objective:**

To be a part of an organization which encourages me to succeed and grow professionally where I can utilize my skills and knowledge appropriately.

**Technical Expertise:**

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|---|---|
| Languages and Frameworks | C, C++, Embedded C, MATLAB |
| Tools | Microsoft visual studio, Codeblocks, Arduino IDE,MATLAB & Simulink, Keil Software, MS office etc. |

**Educational Background:**

**Bachelor of Technology in Electronics and Telecommunication**

| Degree | College / University | Year of Passing | Percentage |
|---|---|---|---|
| B. Tech(E&TC) | Kolhapur Institute of Technology's College of Engineering, Kolhapur | 2021 | 8.53(CGPA) 80.30% |
| HSC | Ichalkaranji high school & junior college, Ichalkaranji | 2017 | 80% |
| SSC | Shri Vidyasagar Highschool, Akiwat | 2015 | 93.80% |

**Internships:**

ELCOM International Pvt. Ltd.

Kagal, MIDC, Kolhapur

Graduate Engineer Trainee Intern (Jan4,2021 to March4,2021)

- Built and integrated an intelligent power distribution unit (iPDU)
- In iPDU, testing of all electrical parameters by using supervisory software using MODBUS, TCP/IP, via web browser using HTTP, supports FTP, DHCP, SMTP, SNMP.
- Testing all supervisory software by the embedded programs of Intelligent PDU.

**Projects:**

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| **Project Title: Vehicle tracking systems and over speed detection of vehicles (Vehicle black box system).** |
| **Role:** Team Leader |
| **Project Description:** <br> • This project main idea road safety is one of the major aspects in the present environmental andsocial safety i.e., controlled over speed and accurate tracking system. <br> • Project developed by Arduino programming language/software and Proteus Software. <br> • This system developed for controlling authorities like traffic police personal, own user also. <br> . |
| **Responsibilities:** <br> • Designing/Coding primarily in Arduino language and Circuit simulation in Proteus software. <br> • Requirement's analysis and design. |
| **Project Title: DTMF Based Home Automation System.** |
| **Role:** Team Leader |
| **Project Description:** <br> • The DTMF based home automation is controlled by mobile signals. <br> • In this project "DTMF Based Home Automation System" we are going to control our home appliances wirelessly. |

| Project Title: Automatic Room Light Controller with Bidirectional Visitor Counter. |
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| **Role:** Team Member |

**Project Description:**

- This task problem done with Automatic Room Light Controller with Bidirectional Visitor Counter by using Arduino Uno, IR sensor, electric appliances is controlled by relay module.
- Project developed by Arduino programming language/software.

**Responsibilities:**

- Requirement' Analysis and design of hardware part of project.

**Co-curriculum & Workshop:**
- Member of **IETE** Students forum.
- Completed an online course on **Java programming** at Great Learning Academy.
- Completed training course "**Arduino course** of Mini Project and project-based learning project" atK.I.T.'s College of Engineering.
- Completed training course "**P.C.B Designing and Development** of Mini Project and project-based learning project" at K.I.T.'s College of Engineering.
- Volunteer of Departmental committee called **"ASSETS"** at K.I.T.'s College of Engineering, Kolhapur in2018-2020

**Hobbies:** Travelling & hiking enthusiast, Drawing and Painting enthusiast.

**Personal Details:**

Full Name　　　　: Patil Suraj Vilas

Father's Nam　　　: Patil Vilas Rajaram

Date of Birth　　　: 22/09/1999

Nationality　　　　: Indian

Languages Known : English, Hindi and Marathi

Marital Status　　 : Unmarried

Gender　　　　　　: Male