

# BASAGOUDA B PATIL

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## Career Objective:

An deterministic quick learner looking for an opportunity in the Wireless Communication system domain with the knowledge of Wireless & Mobile Communication and 5G & Software Defined Networking .

## Education:

Degree	Name of Institution	Board/University	Passing Year	Percentage/ CGPA
Under-Graduate	KLE Dr. M S Sheshagiri	KLE Technological University	2025	6.9
PUC	Govt. P U College Majalatti	Department of Pre-University Education, Karnataka	2021	72.83%
SSLC	S. V. E. School Hukkeri	Karnataka Secondary Education Examination Board	2019	82.88%

## Projects:

- **Drowsiness Alarm System:**

Tech Feature: Developed a system that detects the driver drowsiness and alert the driver using Arduino and eyeblink sensor.

- **Robotic Arm:**

Tech Feature: Developed an automatic system that folds the clothes using Arduino, stepper motor and gears.

- **Face Liveness Detection:**

Tech Feature: The model that accurately distinguish real users from spoofing attempts, using the machine learning concepts.

## Skills:

- Technical Skills: Data structures & Algorithms, basics of Machine learning.
- Programming Languages: C, C++.
- Coursework: 8051 Microcontroller, Wireless & Mobile Communication, Communication System, Digital Circuits, Computer Networks, Operating Systems.

## Wireless technology knowledge :

- Basic understanding of wireless communication concepts like signals, frequency, and data transmission.
- Familiar with common wireless protocols such as Wi-Fi, Bluetooth, and LTE.
- Knowledge of the role of antennas and spectrum management in wireless networks.
- Understanding of how wireless communication supports IoT applications and smart devices
- Able to use tools like MATLAB and basic simulation software for analyzing simple wireless scenarios.

- Familiar with basic networking concepts including wireless access points, signal strength, and connectivity.

### **Courses Taken / Workshops Attended / Certifications:**

- Completed a course on “Matlab Onramp” and “Matlab Fundamentals” under matlab certification course.
- Completed a course on “Stateflow Onramp” and “Simscape Onramp” under matlab certification course.
- Completed a course on JNCIA-Junos from Juniper Networks.

### **Achievements:**

- Represented and actively participated in South Zone National in volley ball.

### **Personal Details:**

- DOB:09-09-2003
- Hobbies: Volley Ball, Cricket.
- Spoken languages: English, Hindi, Kannada.

