Ashutosh Jadhav

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EDUCATION

PIMPRI CHINCHWAD COLLEGE OF ENGINEERING   *Pune, IN*
BE in Electronics and Telecommunication Engineering   *2020 - 2023*
Cumulative GPA: 9.05/10
Relevant Coursework: Analog/Digital Electronics; Microcontrollers; Algorithms; Computer Networks

KBPSS'S SAHYADRI POLYTECHNIC   *Pune, IN*
Diploma in Electronics and Telecommunication Engineer   *2017 - 2020*
Percentages: 87.82%

SAKHARAM SHETH VIDYALAYA KATAI KOLE   *Kalyan, IN*
SSC   *2017*
Percentages: 73.8%

WORK EXPERIENCE

Pillcare Services (Infotech Service).   *Pune, IN*
Front End Developer Intern   *Jan 2022 – Apr 2022*
- I am working as Front-End Developer.
- I have created some good websites for different types of clients of different works.
- I have done work in a team

Spark's Automation.   *Pune, IN*
Microcontroller Development Intern   *May 2019 – Jun 2019*
- PCB Design, Circuit Design
- Worked on interfacing of different microcontrollers.
- Arduino Prototype Development and Testing

SKILLS

Programming Languages: C | Python | Embedded C | SQL Basic
Tool and Technologies: Arduino | NodeMCU | Proteus | MATLAB | SIMULIA | Keil | PSim | RTOS | BARD | EasyEDA
Languages: English | Marathi | Hindi
Interpersonal Skills: Communication | Leadership | Management

ACADEMIC PROJECTS

IoT-Based Accident Notification System for Road Dividers (Patent Published)   *Jan 2022 – Jul 2022*
- A system detects accidents and sends an emergency message to the authorities.
- Project consists of an IoT-based accident detection system using a NodeMCU ESP8266 module and a vibration sensor module SW-420.
- The emergency email is sent to the registered email address using MATLAB ThingSpeak Server and IFTTT service.

Smart Animal Detection System for Farms   *Jul 2019 - Mar 2020*
- An ultrasonic radar system was created that uses a buzzer and LCD screen to monitor the detection status.
- The radar keeps monitoring the environment by checking the ultrasonic sensor echo.
- As soon as an object is detected, the data of detection is processed and sent to authorities with an alert of where exactly the object was detected.
- This system is useful for 24×7 monitoring of a particular area/region.

Certifications & Training

- **Embedded Hardware and Operating Systems** (University of California) Coursera
- **Introduction to Internet of Things and Embedded Systems** (EIT Digital) Coursera
- **Certificate for Completion of C Training** Spoken Tutorial, IIT Bombay
- **Introduction to Python Programming** (University of Venezuela) Coursera
- **Embedded Systems Using RaspberryPi** SIT
- **AWS Academy Graduate - AWS Academy Cloud Foundations** AWS Academy
- **Certificate for Completion of Arduino Training** Spoken Tutorial, IIT Bombay
- **Web Connectivity and Security in Embedded System** (EIT Digital) Coursera
- **"Computer Networks - An Insight" Workshop** PCCOE
- **Professional Certificate of Essential Technologies for Business** IBM, EDX

ACHIVEMENTS

- Among the finalists in the Technology Infusion Grand Challenge organized by La Trobe University in Australia. Wherein we implemented a practical project for which we were awarded 200$.
- ABHIYANTRIX'23 Paper presentation competition winner.
- kshitij 2023 Project Exhibition.
- State Level Paper Presentation Competition Winner