

Bhagyashri Kadam

Contact Details



House No.: -286, Behind
Grampanchayat Office,
Visapur, Tal-Khatav,
Dist.-Satara,
Maharashtra-415502,
India.



kbhagyashri115@gmail.com



9145332044

Life Skills

Analytical
Adaptable
Self-motivation

Key Skills

Creative
Responsible
Decision Making

Languages

English
Hindi
Marathi

CAREER OBJECTIVE:

To work with maximum potential in a challenging and dynamic environment, with an opportunity of working with diverse group of people and enhancing my professional skills with learning and experience for career growth.

EXPERIENCE:

May 2023- July 2023

Technical Application Engineer in Intrepid Control System Inc., Pune

- Performed various demos like Remote Data logging, ECU Flashing, CAN Fuzzing, Neo OBD2 LC with GM Cluster, RAD IO2, DOIP Automotive Ethernet.
- Knowledge of Unified Diagnostic Services (UDS) like ISO 14229, SAE J1939, ISO 14230-3 (KWP2000), K-Line ISO 14229-1, ISO 15765 -3 (Diagnostic Communication over Controller Area Network (DoCAN).
- Proficiency in VehicleScope DAQ, Building Graphical Panels, Function Blocks, Application Signals, Scripting, Capture, Playback, Data Logging, Data Extraction, Data Analysis, Signal Decoding, Signal Plotting and good knowledge C-code interface and A2b Traffic.
- Knowledge of CAN-J1850, GMLAN, GM GLASS 2, ISO 9141, Keyword 2000, Ford, SCP, OBD II, J1587, J1939, Ford UBP.
- Knowledge of protocols such as ARP, TCP/IP, UDP, CAN, CAN FD, SPI, I2C, UART, LIN, Flex ray.
- Worked on various Data Loggers like neoVI Fire-2, neoVI Red-2, Value Log, RAD-Gigastar and can work on the similar Data Loggers of all the companies such as Vector and others in the automotive industry.
- Hands-on experience working with a range of Vehicle Network Adapters, including Vivid CAN, RAD-Moon 2, Value CAN 4-1, Value CAN 4-2, and Value CAN 4-2EL. Additionally, I am adept at adapting to similar Vehicle Network Adapters offered by various prominent companies such as Vector and others in the automotive industry.
- Hands-on experience in utilizing a range of ECU Simulators, including neoOBD Simulator and neoECU 12. Furthermore, I am proficient in adapting to comparable ECU Simulators offered by distinguished companies like Vector and others within the automotive industry.
- Handled software's like Vehicle Spy Basics, Vehicle Spy Enterprise, Vehicle Spy Enterprise Plus and can also work on the similar software.
- Conducted comprehensive training sessions on Basic and Intermediate Vehicle Spy and Diagnostics for several renowned original equipment manufacturers (OEMs) including Tata Motors, Bajaj, Mahindra, Bosch, Wipro, and Spark Minda.

September 2021- May 2023

Assistant Professor & Training & Placement Co-Ordinator in Dr. Daulatrao Aher College of Engineering, Karad.

- Taught various engineering subjects from S. Y B. Tech to Final Year B. tech.
- Worked on various committees like NAAC and NBA.
- Worked as Cultural Head of the Department and organized program under it.
- Arranged various kinds of Trainings, Workshops as well as Pre-Placement Talks, Online/Offline Tests, Interviews, Group Discussions as per the company requirement. Arranging company-specific training programs.
- Identifying job opportunities for Under Graduates & keeping in touch with reputed firms and industrial establishments.
- Regular interaction with industry through Seminars, Guest Lectures, Conferences, Corporate Meets.
- Building best alliance with Corporate & Educational Institute. Forming a support system for an effective & efficient placement coordination team.
- Practicing the best policies of the corporate world. Networking & collaboration with the various industries and maintaining overall record of Training & Placement Department.

<https://www.linkedin.com/in/bhagyashri-kadam-00a06a217>

EDUCATION:

Course	University /Board	Institute	Year of passing	Score	Remarks
M. Tech (Electronics Engineering)	Dr. Babasaheb Ambedkar Technological University, Lonere	Karmaveer Bhaurav Patil College of Engineering, Satara	2019	8.27CGPA	First-Class with Distinction
B.E. (Electronics & Telecommunication Engineering)	Shivaji University, Kolhapur	Dr. Daulatrao Aher College of Engineering, Karad	2017	66.50%	First-Class with Distinction
Diploma in Electronics & Telecommunication Engineering	Maharashtra State Board of Technical Education, Mumbai	Karmaveer Bhaurav Patil College of Engineering and Polytechnic, Varye, Satara	2013	65.66%	First-Class
S.S.C.	Maharashtra State Board of Secondary and Higher Secondary Education, Pune	Shri. Sevagiri Vidyalaya, Pusegaon	2010	91.45%	First-Class with Distinction

PROJECTS:

**JAN 2013-
MAY 2013**

RF-BASED MULTIPLE DEVICE CONTROL SYSTEM

Designed a system to control independent home electrical appliances through RF based remote system, also studied the basic concepts of RF.

**DEC 2015-
MAY 2016**

OBSTACLE DETECTION USING IR (INFRA-RED) SENSOR

Designed a circuit that an infrared sensor emits and/ or detects infrared radiation to sense its surroundings. Studied the basic concept of an infrared sensor, studied their operating characteristics.

**DEC 2016-
MAY 2017**

IMPLEMENTATION OF AUTOMATIC SOLAR TRACKING TO MAXIMIZE ILLUMINATION AND HIGH BATTERY STORAGE

Designed and implemented a prototype of an automatic solar tracking system for optimal energy extraction. Used LDR for constantly detecting the sun rise and ultrasonic sensors for detecting the east position while the servo motors to rotate the panel towards the direction where the intensity of sunlight is maximized. The system achieved 25% improved output power

**DEC 2017-
MAY 2018**

VEHICLE AUTOMATION USING CAN BUS COMMUNICATION

Designed and implemented CAN Bus prototype for vehicle automation. Designed the software of CAN Bus network for the communication of CAN nodes. Studied controllability and observability of the system. Used Embedded C for the CANoe software for improvement examination and investigation of whole ECU network and individual.

**JULY 2018
MAY 2019**

INTELLIGENT ACCIDENT DETECTION AND PREVENTION SYSTEM FOR CAR USING CAN FD PROTOCOL

Build the prototype for automotive application using microcontroller LPC 2148 and also designed circuit for it of 5-nodes, 4-sensor nodes and 1 Bus monitor node. Used Embedded C for programming, using various sensors, designed the system for detection of alcohol, monitoring the engine temperature, detection of gas, monitoring vibrations, GSM module to send messages and used GPS to track the location.

TECHNICAL SKILLS:

- **Programming Languages:** C, Embedded C, C++, Python, Data Science & Machine Learning.
- **Communication Protocols:** CAN, CAN FD, SPI, I2C, UART, LIN, Flex ray.
- **Internet Protocols:** TCP/IP, UDP, DNS, DHCP, VOIP, HTTP, FTP, SMTP, NTP,SNMP.
- **Software Handled:** Vehice Spy Basics, Vehicle Spy Enterprise, Vehicle Spy Enterprise Plus, Proteus, Microwind, KeilMicrovision, Matlab, Flash Magic,MP Lab.
- **Microcontrollers:** 8085, 8051, LPC 2148.
- **Dell & Cisco Networking Equipments:** Router, Switches.
- **Security Technologies:** Firewalls, IDS/IPS, VPN.
- **Networks:** WAN, LAN, WLAN.
- **Operating System:** Windows, Linux, Ubantu.
- **Application packages:** MS Office, MS Word, MS Excel, MS PowerPoint, MSOutlook

CURRICULAR/EXTRA CURRICULAR ACTIVITIES:

- Participated in '**Quiz**' in '**ONIX 2010**'.
- Participated in '**X-Factor**' in '**HORIZON 2012**'.
- Participated in '**Poster Presentation**' in '**Cloud Computing**' in '**HORIZON 2012**'.
- Attended 10 days training in '**PCB Manufacturing**' in '**Sai Electronics**', Karad.
- Participated in paper presentation titled '**Implementation of Automatic Solar Tracking to Maximize Illumination and High Battery Storage**' in National Conference on '**Emerging Trends in Electronics and Telecommunication Engineering**'.
- Certification in **NPTEL Online Course** in '**Intellectual Property**' held by '**IIT Madras**', '**Funded by the Ministry of HRD, Govt. of India**'.
- Attended FDP on '**Fundamental of IPR & Indian Patenting System**' organized by '**MMIT Lohgaon, Pune**' from '**11th March 2022 to 14th March 2022**'.

- Attended one week FDP on '**Python, Data Science & Machine Learning**' organized by '**Yashoda Technical Campus, Faculty of Engineering, Dept of E&TC, Satara,**' from '**22nd August 2022 to 22nd August 2022**'.
- Attended Training in '**IP Awareness/Training Program**' under in '**National Intellectual Property Awareness Mission**' on '**03 February 2023**'.
- Participated in paper presentation titled '**Intelligent Accidental Detection and Prevention System for Car Using CAN FD Protocol**' in 4th International Conference on '**Latest Trends in Engineering and Management (ICLTEM-2023)**' on '**23rd & 24th March-2023 at Pune, India**'.

PERSONAL DETAILS:

Name : Miss. Bhagyashri Shivaji Kadam

Date of Birth : 11 May, 1993

Marital Status : Unmarried.

Address : HouseNo.: -286, Behind Grampanchayat Office, Visapur,
Tal- Khatav, Dist-Satara, Pin- 415502

Nationality : Indian

Hobbies : Reading books, trekking, cooking, gardening & travelling.

DECLARATION:

I Miss. Bhagyashri Shivaji Kadam hereby declare that the information furnished above is correct to the best of my knowledge.

Place: Satara

Miss. Bhagyashri Shivaji Kadam