SHIVASHISH PAL

FREELANCE CORPORATE TRAINER

AND

OUTSOURCING PROJECT DEVELOPER

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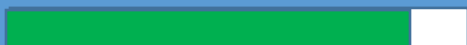*Telibagh, Lucknow, UttarPradesh, PIN: 226002*

Education

B.TECH IN ELECTRONICS AND COMMUNICATION (ECE)

Skills & Expertise

- **Embedded C**
- **C++**
- **C**

About

Dedicated and detail-oriented training and development experience in all technologies related to electronics and communication during 10+ years of experience. Possess sound conceptual and practical understanding in Physics, Electronics, Robotics, Industrial Automation, AI, Embedded technology (Embedded C, RTOS, Embedded Systems), C/C++/Python programming Language, Analog and Digital Communication, Microprocessor, Microcontroller, Microwave and its propagation, wireless communication, Radar etc. **through academic and industrial projects.** Possess the ability to handle multiple priorities with a genuine interest in professional and personal development. A self-motivated team worker and leader having good communication skills.

PROFESSIONAL EXPERIENCE

CORPORATE TRAININGS

Android Application Development and AOSP (Android OS) development with Linux and SE-Linux with Raspberry Pi and Beaglebone black. Used Xamarin, Flutter, Dart, Kotlin.	**TATA MOTORS, HARMAN, TCS.**
Embedded C and Embedded system and Autosar concepts. High Speed Circuit Designing. RTOS. HVAC, Electrical Design and Concepts.	**Robert Bosch**

Skills

- **Python**
- **PCB Design**
- **IOT and IIOT**
- **Industrial Automation**
- **PLC SCADA**
- **Cloud Computing**
- **Real Time Operating Systems (VXWorks, WindowsCE, Threadx, FreeRTOS)**
- **MATLAB (Use of MATLAB in electronics and Communication Domain)**
- **Android OS and Applications**
- **Linux/SELinux**
- **Autosar**
- **Windows/Microsoft Micro-services**
- **SQL/MYSQL**

Domain	Clients
Antenna Design and Pattern	**Florens Funnel's client**
Embedded C and Embedded Systems	**Landis+Gyr, TCS, Clients of MindMajix, BrainStrom, Robosapiens, HCL, LSCL Robotics Pvt. Ltd, Barclays.**
IOT	**HCL, Enfochips Pvt Ltd, LSCL Robotics Pvt. Ltd, Barclays.**
PCB Designing, EMI, EMC, HIL Testing	**Corp Academia, California University Ph.D project, KVCH training institute for experienced candidates, Big Tech. Training companies, IIT's**
Smart city IOT	**Some clients of VSTechSpark**
Modbus, PLC, SCADA, Industrial Automation, Profibus, Electrical Design and Concepts.	**PS GlowTech, Alchemy, Rockwell automation Noida, KVCH Noida**
Data Structures, C, C++	**Landis+Gyr, HCL, Barclays, KVCH**
Robotics	**LSCL Robotics Pvt Ltd, Robosapiens and some outsourcing projects from students and Mid Vendors, Tech Mahindra, CETPA**
VLSI	**KVCH, Assisted in IIT and PHD Projects of Students.**
WiFi, Bluetooth, Zigbee, LoRaWAN	**Skillwise, Cipla**

OUTSOURCED PROJECTS DEVELOPED	
Air Drone	**ATL Tinkering Labs, LSCL Robotics,**
Under Water Drone	**Student Project**
Bionic Arm	**Some IIT student**
Vending Machine	**Some unknown startup in Delhi.**
PLC Heat element testing machine	**PS GlowTech Private Limited**
Line Follower	**LSCL Robotics**
Maze Solver	**LSCL Robotics**
Humanoid Robot	**LSCL Robotics**
Fuel Tank observation mechanism and testing	**Sai Spark Automation**
Weighing Machine	**Unknown startup**
Profiler for Toll and Transport	**T & S solutions Delhi**

- **Java**

Job Experience

- *1 year in Vagatron Pvt Ltd as Embedded C programmer and function testing of PCB's.*
- *2 years in LCSL Robotics Pvt Ltd as Robotics trainer and Mother Board Developer and done programming, fault detection and correction in circuits used in robots, deal with school, college and corporate clients.*
- *1 year in KVCH Pvt Ltd delivered high end trainings in IIT's and individuals and group of candidates both fresher and experienced.*
- *Delivered Finished products as a freelancer to number of companies through outsourcing vendors like WaterTank bell, Router, SMPS, Aerial drone, HomeAutomation Circuitry etc.*

Additional Qualifications:

- *Certification from NIIT Lucknow in Java.*
- *Certification from Vagatron Private Limited in Embedded C and PCB designing.*
- *Certification from Robosapiens Private Limited in Robotics.*

I, the undersigned, certify that the data described by me is correct as per my knowledge and experience.

DATE: 25/01/2024

PLACE: LUCKNOW   NAME: SHIVASHISH PAL