Tushar Mahajan

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CAREER OBJECTIVE

- To work in a firm with a professional work driven environment where I can utilize and apply my knowledge, skills which would enable me as a fresh graduate to grow while fulfilling organizational goals.

Education

- Completed C-DAC PG-Diploma from CDAC Kochi March 2022 batch.
- B.E. (Electrical Engineering) – Alard College of Engg. Pune in 2017, **(First Class – 61.80%)**
- Higher Secondary from New Vision Hr. Sec. School MP Board in 2012, **(Higher Second Class – 56.40%)**
- High School from Macro Vision Academy School, Burhanpur CBSE Board in 2009, **(Second Class – 55.80%)**

Work Experience

Tekdi Technologies Pvt Ltd.   **Dec 2022**
Software Engineer (Java)
1. Working on Sunbird-RC, Educate-Girls, Knowledge-Platform Technologies working on Java, Docker.

Spectra Solution   **Aug 2021-Oct-2021**
Software Engineer
1. Responsible for Design & Implementation Functionality in core PHP and APIs development. AWS implementation and backend on MYSQL server and Frontend on HTML, Bootstrap.
2. Technologies used PHP YII Framework.

Technostart   **Pune, India**
Junior Software Engineer   **June 2020 – Aug 2021**
1. Responsible for Design & Implementation new feature of product, deploy website on live.
2. Technologies used PHP core and Wordpress with MySql database, HTML, CSS, Jquery, Bootstrap hosted on Google Cloud and Go-Daddy.
3. https://www.vasantgroup.com/
4. http://spharenterprises.com/
5. http://electevtec.com/
6. http://agrawalsamajfederation.com

Incon Automation Pvt. Ltd.Pune.   Plc Project Engineer   **Pune, India**
Projects Done till Date: **Feb 2019 – Dec2020**
1. OPEL energy system.
   Heat exchange system.PLC (Mitsubishi GX Works3, Fx5U-32MP-ESS, HMI GOT Basic (G52110-WTBD).
2. PARSON.
   PLC Program on software Schneider. PLC (TM200 -CE-40T, Somachine Basic), HMI (GXU5500).
3. SRF. PVT LTD.
   PLC Program on software Schneider.

Virtuoso Projects & Engineers Pvt. Ltd   **Pune, India**
Automation Engineer   **MAY 2018 – Jan2019**
Projects Done till Date:

1. Tabriz: EPKS, P&ID Reading and Graphics development.
2. Pars Hassas: EPKS, P&ID Reading and Graphics development.
3. Jazan IGCC OTS: GUS to UNISIM HMI Migration Project.

KBR Technology   **Magarpatta Pune**
Associate Technical Professional
1. Eurocam: Linking of 3D Model Assets in Bentley Software (APM).

Software Certification Details:

Junior Software Developer Course
▪ I had completed course and certification from Pradhan Mantri Kaushal Vikash (PMKVY) GOVT. from PUNE in 2019. C, PHP Development, Oracle SQL, My SQL**.**

Python Certification
▪ Python certification from Udemy. My certification number UC-5c547d79-8217-44ab-af8c-99562686633a.

Professional Qualifications

Certification Details:
PLC: Hardware: AB (Rockwell) – Micro Logix 1400 series B, Siemens – S7 300
        Software: Rockwell – RS Logix 500, Siemens – Simatic Step 7
SCADA: Siemens – WinCC, Rockwell – RS View 32
HMI: Hardware: Panel View plus 600 (Color touchscreen). **Software:** Factory Talk View
    Technology:
    - Control Panel and Hardware basics Relays, Timers, Contactors, terminals, Variable Speed Drive
        (Configuration and Parameter settings), Sensors, Pneumatics, Ethernet Communications.

Other Software
▪ MS Office (Word, Excel, Power point), AutoCAD, Windows, HTML, C.

CDAC Project

University Management System
Platform: MYSQL, Spring boot, Thyme-leaf
University management system (UMS) is a web-based information system for automation and maintenance of university data, faculty and students information. UMS handles end-to-end university information like student management, course management, administration and library management. System also provides a Chatbot for information/enquiry about the university. All users of the system are given a role-based access to the functionality. It offers an easy-to-use interface for managing university workflow.

Final Year Project

Automatic load sharing distribution transformer using Arduino
Automatic load sharing of transformer is a method in which instead of using one large distribution transformer two small rating transformers are used.
Advantages:
- This technology is to improve the efficiency of distribution transformer, because conventional distribution transformer did not have high efficiency through working period
- Assembly can protect transformer from overloading which avoid further damage to it.
- To improve the efficiency of distribution Transformer.
- To provide the protection against overload.
- To improve the life of Transformer. Automatic Load sharing of Transformer.

Hobbies
▪ Cricket, Basketball, Swimming, Volleyball.

Personal Details

Date of Birth   31st December 1991
Linguistic Abilities   English, Hindi, Marathi
Date: Signature: