

ALIHUSSAIN MOHAMMED KANCHWALA

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* Transitioning from Electrical Automation Team Lead to Data Science, merging experience in automation and new data skills. Aiming to apply leadership, tech expertise for impactful data-driven contributions. Seeking a growth-focused role to innovate, tackle challenges, and deliver insights in data science's evolving landscape.

**Career Objective**

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| **Work Experience** |
| 1. Job Position : **Automation Engineer**   * Company : Dunamis Engineers & Consultants * Period: September 2018 – August 2019 * **Roles & Responsibilities**: Electrical Automation – Design & Sales, PLC programming, SCADA & HMI Programming, VFD commissioning, Panel Designing – Sales & Purchase, Analyzing requirement of the customer with his choice, Quotation & Negotiation. Handling of team at site for different SPM Commissioning. |
| 2. Job Position : **Electrical Design Sales & Marketing**   * Company: Mufront Technologies pvt. ltd. * Period: March 2020 – March 2021 * **Roles & Responsibilities**: Pre-design & estimation of testing equipment required by quality control labs for switchgear testing as per BIS & IEC standards. Analyzing the market to find out the potential customers in the switchgear industry & take steps for interest generation of customers in products manufactured by the organization. |
| 3. Job Position : **Executive Engineer - Automation**   * Company: Mufront Technologies pvt. ltd. * Period: March 2021 – March 2022 * **Roles & Responsibilities:** * PLC programming & HMI designing in Siemens, Wecon, B&R, Selec & Schneider Electric. * Programming of IPC with interfacing NI cards through Labview software. * R&D on new methods of programming & interfacing of different peripheral devices through communication protocols like RS 485, RS 232, Modbus, TCP/IP etc. |
| 4. Job Position : **Sr.Executive - Automation (Team Lead)**   * Company: Mufront Technologies pvt. ltd. * Period: April 2022 – July 2023 * **Roles & Responsibilities:** * PLC programming & HMI designing in Siemens, Wecon, B&R, Selec & Schneider Electric. * Programming of IPC with interfacing NI cards through Labview software. |

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| * R&D on new methods of programming & interfacing of different peripheral devices through communication protocols like RS 485, RS 232, Modbus, TCP/IP etc. * Leading the team members with planning & execution of daily & monthly tasks of team members. * Supporting team members with training & handling of critical tasks in project execution. |
| 5. Job Position : **Manager - Automation**   * Company: RanJaSha Technologies pvt. ltd. * Period: July 2023 - Present * **Roles & Responsibilities:** * Leading the team members with planning & execution of the organization projects. * Supporting team members with training & handling of critical tasks in project execution. |

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| **Education** | | | | |
| **Qualification** | **Institute** | **University/Board** | **Year of Passing** | **%** |
| BE Electronics | K.K.W.I.E.E.R. | University of Pune | 2018 | 68 |
| Diploma in E&TC | K.K. Wagh Polytechnic, Nashik | MSBTE | 2015 | 81 |
| Std. Xth (SSC) | MSB Educational Institute | MSBSHSE | 2012 | 84 |

**Skills**

* Field of Interest: Data Science, Machine learning, Industrial Automation, PLC programming, IPC programming, HMI & SCADA development and Embedded Systems.
* Programming Languages : Python , Tableau, SQL, C & C++, Ladder diagram, STL,
* Software:

PLC & HMI: Allen Bradley, Siemens (TIA portal, Simatic Manager & Logo plc), Wecon (Plc editor, Levi HMI & PI HMI), B&R (Automation studio), Ecostructure & Vijeo designer (Schneider electric)

Other Softwares: E – Plan, Multisim, Eagle, Proteus 8.1,, Keil, MPLAB, Arduino, Energia & CCS

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| **Core Strengths** |  |
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| * Self Confidence * Positive Attitude * Consistency * Good Communication Skill, * Team Work * Effective Time Management * Hard Work * Believes in Smart Work. | |

* Diploma: **Bluetooth Based Home Automation** – The objective of the project was to control home appliances like light, fan etc. using Bluetooth manually or by sensors automatically.
* BE mini-project: **Farmosys – ‘A data acquisition system for Farmers’ –** to monitor field parameters on farmland and to control the output devices according to the parameters.
* BE major-project: **‘Smart Programmable Timer’ –** to have a flexible cyclic timer with real time mode and loop mode controlling relay output with sequence. (sponsored by 9SST systems & applied for patent)

**Academic Project Details:**

**Achievements:**

* Member of ISTE and IET.
* Member of Training & Placements Student coordinator in Third year & Final year engineering.

**Extra Curricular Activities**

* **Workshops Attended:** 1. PCB Designing & manufacturing – by Copper Track Industries.
  1. PLC & Automation – by Satyam Mechatronics.
  2. Linux Seminar – by Fizz Workshops.
  3. Arduino.
  4. Entrepreneurship Development by EDP Cell.
* **Other Relevant Courses:** 1. Short term course in C & C++.
  1. Completed course on “**Logic Design by VLSI engineers**” by IEEE

- blended E-learning.

* 1. Completed course on “**Certified Automation Engg**.” by TAACT.
* **Internships / Trainings:**

1. 8 days internship in “Motwane Manufacturing pvt. Ltd” learned manufacturing of digital multimeters.
2. Two week internship in “Intelidemics” under the project “Speech Recognition”

Mr. Mohammed Kanchwala

Mrs. Nafisa Mohammed Kanchwala 07/12/1995

Indian Male

2, Siddhant Park, Takli Road, Dwarka, Nashik – 422011.

English, Hindi, Marathi, Gujarati, Arabi.

Listening to music, Watching videos on new technologies, Reading, Playing

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Father’s Name Mothers’s Name Date of Birth

Nationality Gender

Address

Languages Known Hobbies

football.

**Personal Details**

**Declaration**

* I, hereby declare that all the particulars given above are true to the best of my knowledge and belief.

**Place** : Nashik **Signature**

**Date** : Alihussain Kanchwala