

# *Resume*

## PERSONAL INFORMATION

Name: Mo. Farid Khan  
Industrial and Production Engineering  
SGSITS, Indore  
Gender : Male

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D.O.B : 12/07/1999  
Enrollment : 0801IP171031

## EDUCATIONAL DETAILS

Degree/Certificate	Institute/School	Year of Passing	CGPA/Percentage
BTech	S.G.S.I.T.S, Indore	2021	6.76
Class 12 <sup>th</sup> (Higher Secondary)	Shri Nima Vidhya Niketan, Indore	2017	71
Class 10 <sup>th</sup> (High School)	Shri Nima Vidhya Niketan, Indore	2015	60

## WORK EXPERIENCE

### Haarish Equipments Pvt Ltd

July, 2021 to present

- Managing Operations for manufacturing of different types of Hoppers and Conveyors.
- Working as a Production Engineer responsible for the completion of Hoppers and Conveyors within deadline.
- Working as Quality Inspector to ensure that manufactured Hoppers and Conveyors meets specified standards and manufactured properly.
- Planning production to manufacture Conveyors and Hoppers.
- Implementing 7 QC tools to analyze and remove causes and to ensure manufactured product meets predefined Qualitative Criteria.

### Aarel Industries Pvt Ltd

3 Months

- Works as a project intern for one of their project
- Planned operations for the manufacturing of Mobile Fire Engines
- Carried out Inventory Management for the manufacturing of Fire Engines.
- Design Work system for the workers to increase their efficiency.
- Case study on Work System Design for Manufacturing processes and Workers.
- Learned different manufacturing processes used to build up Fire Engines using sheet metal working and iron pipes.
- Gained complete knowledge of manufacturing and working of Mobile Fire Engines.

## ACADEMIC PROJECTS

### Design of PI Controller for Electrical Drive using Genetic Algorithms

6 Months

- Analyzed traditional method of Programming PI controller for RPM of Electrical Drive.
- Studied Genetic Algorithms method (an AI method) to program PI Controller for controlling RPM of Electrical Drive.
- Programmed PI controller using MATLAB software using Genetic Algorithms.
- Compared the results by plotting graph for controlling RPM of Electrical Drive using traditional method versus Genetic Algorithms method.
- Achieved Objectives of minimizing settling time of Electrical Drive to get desired speed in short time.

## PLATFORMS WORKED

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- Operating Systems : Windows, Linux and MacBook
- Programming Skills : C, C++, Java & Python
- Web Designing : HTML
- Software Skills : Anaconda, AutoCAD, Google Workspace, MS Office, MS Excel, Jupyter Lab, MATLAB, Solidworks, Spyder, VS Code

## SCHOLASTIC ACHIEVEMENTS

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- Got Scholarship for NTSE preparation from Stratford Academy 2014
- Brain of M.P. Awardee by Dainik Bhaskar and Rankers Point 2015
- Awarded by School at Annual Function Award Ceremony for Securing 2<sup>nd</sup> rank in Class 11<sup>th</sup> 2016

## COURSES UNDERTAKEN

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- | Core   | Breadth  |
|--|--|
| <ul style="list-style-type: none"><li>• Manufacturing Processes I &amp; II</li><li>• Metal Casting and Welding Engineering</li><li>• Metal Cutting and Metal Working Analysis</li><li>• Industrial Inspection</li><li>• Quality Control and Reliability Analysis</li><li>• Operations Management</li><li>• Supply Chain Management</li></ul> | <ul style="list-style-type: none"><li>• Fluid Mechanics</li><li>• Engineering Mechanics</li><li>• Mechatronics</li><li>• Theory of Machines</li><li>• Engineering Economics and Financial Analysis</li><li>• Engineering Mathematics</li></ul> |

## POSITIONS OF RESPONSIBILITY

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### Cricket Team Captain

- Lead cricket team at Annual Sport function of School
- Won the match by 8 wickets

### Mentor and Tutor

- Mentored and Tutored 10 students of 10th and 12th standard
- Guide them to secure above 80 percentile

## EXTRACURRICULAR ACTIVITIES

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- Reading Higher Secondary English Books' to get Moral
- Listening Music
- Running
- Playing Cricket and Football

## OTHERS ACHIEVEMENTS

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|---|----------|
| <b>Online course based on Automation in Manufacturing</b>   | 12 Weeks |
| <ul style="list-style-type: none"><li>• Learned about importance of Automation in present and upcoming Industrial sector</li><li>• Learned different types of Mechatronics Systems used in Manufacturing industries</li></ul> |          |
| <b>Online course based on Industry 4.0 and Industrial Internet of things</b>  | 12 Weeks |
| <ul style="list-style-type: none"><li>• Carried out Case studies for different industrial sectors</li><li>• Learned role of IoT in Industrial sector and its future demand</li></ul>  |          |