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| PERSONAL INFORMATION | Dhruvin Patel |
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| Photo | 85, Gokulnagar Society, Ghodasar, Ahmedabad, Gujarat, India |
| +917405279673 |
| Dhruvinpatel91@gmail.com |
| Skype dhruvinpatel91 |
| Sex Male | Date of birth 14 Oct 1991 | Nationality Indian |
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| WORK EXPERIENCE |  |

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| 23 Feb 2015 – Present  download | Design & Development Engineer |
| Milacron India Pvt. Ltd., Ahmedabad, Gujarat (India) |
| * ​Detail Engineering to full fill customer requirement. * Selection of components (AC drives, servo drives, stepper motor, etc.), automation products (MMI, DI, DO, AI, AO and special modules), industrial instruments and switchgears for machine automation. * Study hydraulic circuit and load characteristics of machine for selection of machine power pack and other components like servo drive, servo motor, sensors, actuators and switchgears. * Ensuing part/component standardization to reduce variation wherever possible, and work towards indigenization of components. * Technical support and troubleshooting: Coordinate with field Service, Aftermarket, Testing, Quality, Sales, and Validation departments as well as customers for troubleshooting and product upgrades. * Continuous involvement in research and development activity to increase reliability of machine and utilize innovative technology to make our product more efficient and robust. * Study machine functions and accordingly prepare the circuit with logics and interlocks with PLC (B&R – ABB) to provide complete platform for building machine with different standards like IS, CE, UL, ANSI, etc. * Skilfully generating various documents from designing tool Engineering Base (Aucotec) like project templates & formats, generating various reports (cable schedule, terminal details, bill of materials, cable length, cable routing). * Maintain record as per ISO and other applicable standards. * Maintain various MIS records, data preparation and analysis. * Preparing macros for repetitive task to save time in routine processes. * Maintaining and updating logic tables in ERP for BOM handling which helps to clear standard orders without intervention of design engineer. * Provide on-shore and off-shore support on Global projects for existing machine and new products. * Worked on various machines such as Servo, Accupack, 2-Component (2K), 2-Color, 3-Color, CPVC, PET, etc. machines. * **Technologies and Tools:** AutoCAD (2D), AutoCAD (Electrical and 2D), E-Plan P8, Engineering Base (Aucotec), MS Excel, MS Visio. |
| 02 Sep 2013 – 21 Oct 2014  Venus | Assistant Professor |
| Venus International College of Technology, Gandhinagar, Gujarat (India) |
| * Taking lecture and laboratory of Electrical Machines, Industrial Instrumentation, Power Electronics, and Electrical Machine Design. * Guiding students for project, making tutorials, taking workshops, setting college exam paper, etc. * **Technologies and Tools:** MATLAB, SCILAB, PSIM, Mi-Power​ |

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| ACADEMIC PROJECTS |  |

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| 01 Oct 2013 – 31 May 2014 | Differential Temperature Controller and it’s various application |
| Venus International College of Technology, Gandhinagar, Gujarat (India) |
| The temperature difference between two points is sensed and according to that related function is to be carried out. |
| 01 Oct 2013 – 31 May 2014 | Design & Development of Servo Voltage Stabilizer. |
| Venus International College of Technology, Gandhinagar, Gujarat (India) |
| The voltage is been kept constant using Servo motor which is been controlled using voltage setting |
| 01 Aug 2012 – 31 May 2013 | Automatic Power Factor Control Unit |
| Active Engineers, Ahmedabad (India) |
| The APFC Unit sensed the lagging power factor and controls automatically as per requirement and maintain 0.95-0.99 power factor.​​ |
| 01 May 2012 – 31 May 2012 | Design Optimism of Motor & Pump set |
| Mototek, Vadodara, Gujarat (India) |
| Project aim to achieve head and flow of pump and motor set as per IS standard |

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| EDUCATION AND TRAINING |  |

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| 27 Jul 2009 – 30 Jun 2013 | Bachelor of Engineering in Electrical Engineering |  |
| Venus International College of Technology, Gandhinagar (India) | |
| 01 Jan 2013 – 28 Feb 2013 | Industrial Training at Active Engineers, Ahmedabad, Gujarat (India) | |
| I learnt about HT & LT Panel, meters and CTs, motor starter, APFC Panels, switchgears, Power and control circuit study and earthing and cable tray layout. | |
| 01 May 2012 – 31 May 2012 | Industrial Training at Mototek, Vadodara, Gujarat (India) | |
| I learnt about manufacturing, assembling and testing of AC motors, understood basic principle programming of PLC and automation with VFDs, Industrial panel that is Power Control Centre (PCC) and Motor Control Centre (MCC). | |

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| PERSONAL SKILLS |  |

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| Languages | Gujarati (Mother Tongue), Hindi (Fluent), English (Fluent) |

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| Technical skills | * Programming Languages: C, C++ * Application Tools: MATLAB, SCILAB, PSIM, Mi-Power, AutoCAD (Electrical), Engineering Base (Aucotec), E-Plan P8, MS Office. E1-Enterprise (Oracle based ERP) * Operating Systems: Windows (XP/Vista/7/8,10)​ |
| Managerial skills | * Adoptable to change and innovation * Complex problem solving * Self-initiator * Eye on details * Learning attitude. |