

# ADITYA DEGWEKAR

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## PROFESSIONAL SUMMARY

An experienced Electrical Engineer with a demonstrated history of working in the field of Material Handling systems and Industrial Automation/ Warehouse Automation, majorly across distribution and fulfillment centers for e-commerce websites and retail stores.

Highly skilled to work in a multi-disciplinary team to bring concepts to the actual design and implement them efficiently by using my knowledge of Design software, Electrical system design, and field installation supervision.

Areas of Interest include Conceptualization & Detailing, Project Engineering, Project Management, Vendor Management, Sales Support

## EXPERIENCE

### HONEYWELL AUTOMATION INDIA LTD.

#### JOB TITLE : ELECTRICAL ENGINEER II

06/2021 – CURRENT

- Leading multiple projects from engineering through commissioning and final deployment
- Delegating assignments and working with engineers for successful completion of assigned deliverable along with mentoring and motivating entry level engineers
- Financial forecasting for assigned projects labor (engineering and commissioning) hours and material costs
- Actively preparing Electrical Engineering quotes and cost estimates for major system and service projects to support Costing and Applications Engineering Team
- Support the teams with electrical design upgrades and modifications including panel (Re)design
- Design, document and prepare electrical drawings for loop sorters– layout, single line drawing, panel schematics and network drawings using AutoCAD electrical. Creating load calculation list, cable list, I/O list, BOMs and other documentations for Tilt Tray and Cross Belt sorter system as per NEMA/ ANSI / CSA standards.
- Performing wiring, power, I/Os' checks using InControl Ware and PLCs for systems at customer site

#### Projects:

- Amazon Fulfillment Center USA
- DHL Ecommerce USA
- Ross Stores Distribution Center USA
- Target Distribution Center USA

## HONEYWELL AUTOMATION INDIA LTD.

### JOB TITLE : ELECTRICAL ENGINEER I

01/2018 – 06/2021

- Design 480V system panels and PLC panels.
- Design one-line diagrams for 24V DC Distribution, Profibus Network and IP Link
- Build electrical component blocks, cable labels, panels and layouts using AutoCAD Electrical
- Build cabling diagram for 24V distribution cables, 480V power cables for Inductions using AutoCAD Electrical
  - Modify and review as-built drawings for 24V PLC Panel, 480V and 120V Power Panel drawings
  - Develop I/O list, test plans and functional documents
  - Commission VFDs like Lenze Drives and Danfoss Drives, Linear Synchronous Motor.

#### Industrial Trainings:

- Project Engineering & Commissioning (IEI) Training: Honeywell Intelligrated, USA Year 2019

## BLUMENBECKER-KAT AUTOMATION PVT. LTD

### JOB TITLE : ENGINEERING EXECUTIVE I

08/2014 – 12/2017

- Pre-sales, Project Costing & Vendor Management, Customer Services.
- Project Management - Conceptualization and Designing of Projects, BOM Creation, Report Generation.
- Design & Development of Control Panel (PCC, MCC, RIO, PLC Panels, VFD Panels), Component selection as per UL / IEC standards.
- Production Support, Quality Control & Testing of Cabinets.

#### Projects:

- ThyssenKrupp System Engineering – Gear Box Assembly Line (End customer: Getrag, France)
- GEA Process – RIO Panel Designing
- Engineering Support – Tetra Pak India
- Software used: EPLAN P8: Electric, Pro Panel, AutoCAD, AutoCAD Electrical

#### Industrial Trainings:

- Project Engineering & Production Training: Blumenbecker Automatisierungstechnik, GmbH, Germany - Year 2016

## SHREE ELECTRICALS & ENGINEERS (I) PVT. LTD, PUNE

### JOB TITLE : JR. ENGINEER

12/2013 – 06/2014

- Electrical Installations for Residential and Commercial Complex, Services and Energy Audits.
- EMS System and PME Programming with Schneider Electric India

## EDUCATION

University of Pune –  
Bachelor of Engineering in Electrical Engineering

Graduated: May 2013

## SKILLS

- Project Management
- AutoCAD Electrical
- Pursuing PMP Certification
- Microsoft Office
- Eplan P8

## EXTRA-CURRICULAR ACTIVITIES

- “Bravo Bronze Award” & Recognition - for on-site commissioning activities at Amazon ORF2 site in Dec. 2021.
- Successful completion of EMS and Power Monitoring Training conducted by Schneider Electric India
- Successful completion of Industrial Automation Expert Course conducted by SAN-Techno Mentors Pune
- Competed one-year internship at “P & R Control Systems Pune” which includes Control Panel Designing, ABB – PLC Programming, ABB - HMI Programming
- Represented INDIA Water-polo Team:
  - Bronze Medal in 6<sup>th</sup> Asia Pacific Tournament 2004 Water-polo Tournament held in Hongkong.
  - Participated in Asian Age group Water-polo Tournament held in Bangkok in 2005.
- Bronze medal for Maharashtra in 66<sup>th</sup> Senior Nationals 2012 held in Pune.

## DECLARATION

I hereby solemnly declare that all the information furnished by me is true and correct to the best of my knowledge and belief. I assure you that if given opportunity I'll work with most sincerity and dedication to the satisfaction of my seniors and will try to be an asset for the organization

Place: PUNE

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