

# Kavita Kaushik

-Email me on Indeed: <http://www.indeed.com/r/Kavita-Kaushik/6dde37d35ae9b8e0>

EDUCATION: NCEES EQUIVALENCE: BACHELORS DEGREE IN ELECTRICAL

## Work Experience

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### **Electrical Engineering Designer**

Printdes Inc.

November 2015 to October 2020

[http:// printdes.vistaprintdigital.com](http://printdes.vistaprintdigital.com). Contracting work -Design and analysis according to design plan.

### **Engineering Test Technician**

Fluke Inc. - Everett, WA

March 2020 to August 2020

Worked as a

Electronics Metrology and test technician, worked extensively with test engineering, troubleshooting and calibration adjustment of Fluke hydra data logger series. Was responsible for production testing failure repair, upkeep of test station(troubleshooting test station pcb and buses) and recordkeeping.

SMA Solar technology AG - Aurora, CO

January 2015 to December 2015

Engineering test technician Troubleshooting PCBA to the component level, documenting root cause of failure,

Testing PCBA in Lab environment , utilizing DAQ to configure measurements, making test plans, conducting emissions and susceptibility tests, documenting and recording test data, inspection and maintenance /troubleshooting of test work stations, UL Testing,(with Modbus)

Inspecting, Checking High voltage Power systems Panel Switchgear. Working with Megger,

Oscilloscopes, Multimeters, Power Supplies, network analyzers, and other Electrical measuring

Instruments, Working with High Voltage Panels, Quality Inspection, Conducting HI pot, insulation resistance, Functional, High voltage and Endurance testing of Solar Panels. Basic troubleshooting of Siemens PLC in panels, HDMI Programming, Continuity checks and extensive wiring checks. Following NEC guidelines and ISO 2009/9001. Working safely around

Electrical equipment (NFPA 70E) ,using appropriate ELECTRICAL PPE, EMC compliance, following ARC FLASH Safety Hazards REGULATIONS. Using SAP and Excel lists for record keeping. Establishing work procedures as per Lean Manufacturing and Kanban.

Electrical Engineer.Mogul Energy International Corp. - Houston, TX

June 2011 to August 2011

Responsibilities- Power distribution calculations for LV and MV systems including panelboards,

Transformer , voltage drop wire sizing, conduit fill, cable tray sizing, preparation of Design criteria, specifications, one line diagrams for Electrical equipment (Motor control centers, VFDS, and starters)perform arc flash analysis, coordination studies (basics) , Hazardous area classification analysis for Electrical Equipment.

## **(electrical and Electronics**

January 2004 to April 2004

### **Assistant Electrical Engineer ANUPAM INDUSTRIES.**

WESTERN MICHIGAN UNIVERSITY.

January 2001 to December 2001

www.anupamgroup.com Assisting and conducting Engineering work -including Auto Cad 2000 drawings for Panels, Designing and troubleshooting CONTROL and Power schematics and hardware, inspecting, Assisting in Acceptance and Commissioning testing of Motors, Cables and switchgear, Inspecting Project sites with the Chief Engineer, Supervising a team of

Electrical (electricians)crew in workshop (timekeeping and work logs),taking Notes for field inspection of some Electrical projects and working with ETAP for short circuit calculations.

Attending Design meetings and incorporating Design changes . INTEREST AREA:

MICROPROCESSOR 80856 PROGRAMMING, C++, SCADA, AutoCAD.

Salary expectation -40+/h

Creating Electrical /Construction drawings ,Auto Cad 2014 drawings, - AutoCAD , Basic Revit.

Drawing and designing of transmission line towers, substation layouts, Substation Equipment,

Duct bank design etc.in Auto Cad 2014 and up.

## Education

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### **BACHELORS DEGREE in ELECTRICAL**

GUJARAT UNIVERSITY

2016

### **MS in ELECTRICAL AND ELECTRONICS**

VISHWAKARMA MAHAVIDYALAYA (BVM) ENGINEERING COLLEGE - GUJARAT, IN

January 2004 to April 2004

### **certification**

ENGINEERING WESTERN MICHIGAN UNIVERSITY

## Links

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<http://www.bvmengineering.ac.in>