

# NAVEEN KUMAR GUNDLA

**Mechatronics Engineer with experience as Python Developer, Robotics, Industrial Automation and Advanced Manufacturing Systems-Industry 4.0**



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## LinkedIn:

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## Date of Birth :

12-11-1990

## Skills:

PYTHON Programming, Django  
JAVA, SPRING FRAMEWORK, C, C++  
Auto CAD, E CAD, PLC, SCADA, HMI

## Certification:

Certified Training of PLC Programming and Automation from Central Institute of Tool Design, Govt. of India  
Certified Auto CAD Engineer from Govt. of India

## Additional Information:

### Industrial Experience:

Production and Manufacturing Experience with Mechatronics, Process Improvement, R&D, Design and Analysis

### Languages:

English: Fluently  
Hindi: Fluently  
Telugu: Native Language

### Hobbies

Technical Exposure, Playing Cricket

## PROFILE

API development using Python and Django Framework, Advanced Manufacturing System with Implementation of Automation in Production and Manufacturing. Extensive Knowledge and Experience about Hybrid Electric Vehicles, Autotronics and vehicle Intelligence, CNC Machines, Industrial Robotics Programming and Control System Design and Implementation, PLC Programming, DC-Drives, Variable Frequency Drives (VFD's), AUTOCAD Design and Drafting, Advanced Industrial Pneumatics, Advanced Industrial Hydraulics, Instrumentation and Sensor Technology, Computer Aided Manufacturing (CAM)

## WORK EXPERIENCE

### **Mechatronics Engineer • AJAI Robotics (ADVANSOFT) • (December 2020 – August 2022)**

Rest API development using python with django framework. Data visualization and video streaming using Matplotlib, tkinter, PyQt5. CNN and Machine learning algorithms using OpenCV, Tensorflow, Yolo V3. Strong Object Oriented programming concepts and Design Patterns. Expertise in Core Python along with Numpy, Pandas. Autonomous Navigation System

### **Executive - Operations • Heritage Foods Limited • Shameerpet (December 2019 – December 2020)**

Attend all general electrical operations and ensure Continuous Supply of Power to the Plant without any interruption. Attend periodical preventive electrical maintenance schedules of all Machines & Equipment. Attend all Electrical brake-downs and address the issues on time. Preparation of material indents for all Electrical Spares/Equipment as per the requirement.

### **Engineer - Operations • Sri Vedas Industries • Hyderabad (August 2017 – December 2019)**

Handling All Electrical and Mechanical Equipment for Smooth Operation of Production Line, Production & Manpower Planning and Production Work Assignment to the Company Employees and Vendors, Preparation of material indents for all Material Required for Production, Preparation of Bill of Materials.

### **Electrical Engineer • Cartel Engineers Private Ltd • Hyderabad (September 2015 – July 2017)**

Electrical R&D, Circuit Design, Control System, Programmable Logic Controller. Preparing Bill of Material and cost Estimation. Control Panel Testing, Installation and Commissioning. Evaluates electrical systems, products, components, and applications by designing and conducting research programs.

### **Project Trainee • Mahindra & Mahindra Ltd • Hyderabad (January 2015 – May 2015)**

This Duration is for Industrial Exposure and Academic Project Work ("Design and Analyze the Grippers for the automation process in Trans-Axle Assembly Line").



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## EDUCATIONAL/PROFESSIONAL QUALIFICATION

### **MASTER OF TECHNOLOGY | 2013 - 2015**

Master of Technology (Mechatronics) JNTU University Hyderabad, India

### **BACHELOR OF TECHNOLOGY | 2008 - 2012**

Bachelor of Technology (Electrical and Electronics Engineering) NIGAMA Engineering College, Affiliated to JNTU, India