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## Kolla Vamsi

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Innovative oak garden, Bhoganhalli road, Panathur, Bangalore, Karnataka, 560103  
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### Objective

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I seek challenging opportunities where I can fully use my skills for the success of the organization.

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### Experience

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- **Larsen and toubro** 5th October 2021 - Present  
Electrical engineer  
Working in Power transmission and Distribution sector
  - 220/66kv Gas insulated substation Construction
  - 220kv Underground cablingStudy the Drawings & explain them to workers and make sure that the work is done on time while maintaining quality and safety
- **APTRANSCO PVT LTD** July 2020 - February 2021  
Industrial training  
6 months of industrial training at 220kv Gajuwaka Substation (Which is outdoor substation)

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### Education

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- **Skill lync** Currently pursuing  
Masters certification program in Electric Vehicle Design & Analysis
- **Government Polytechnic Visakhapatnam** 2021  
DIPLOMA  
85%
- **Z. P. High school Nadupuru** 2018  
SSC  
9.0

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### Skills

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- Creativity, Critical Thinking & Analytical, Reasoning & Problem Solving, Hardworking, Active Listener, First Aid , Imagination
- Plc programming, Electrical Wiring, Installation, Arduino Programing, Understanding circuits, Ms office
- Designing, Development, Inspection & Testing
- Planning, Site maintenance and Realization of projects

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### Projects

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- **Android controlled Car (model)**  
A Car that can be controlled by our Smart phone
- **Automatic Lighting**  
Lights turn on when the Surroundings are dark and Turn off when Surroundings gets brighter
- **Low cost inverter**  
An inverter that can generate waveform almost similar to sinewave at low cost
- **Touchless sanitizer Dispenser**  
A sensor that will detect and send signal to a amplifier that will switch the motor ON and pump the liquid
- **Spot welder using microwave oven transformer**  
By replacing the secondary winding of transformer with low gauge copper conductor & in its primary circuit a relay circuit will control the timing

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### Language

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- English
- Telugu
- Hindi

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### Interests

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- Learning New technologies, Electric vehicles
- Solar charging systems and Generation
- Automation and IOT
- Business and Startups

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### Additional Information

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From childhood onwards worked a lot with motors, batteries, converters, transformers, sensors, microcontrollers, solenoids, resistance heating, Peltier modules, solar panels, BMS, Soldering, diodes, transistors, relays, Buck and boost converters, and dismantling things to see its working and removing/replacing some of its components and trying different things. Very curious & passionate about knowing things and their working.

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### Hobbies

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- Playing Chess, Badminton, Swimming, Boating, Spending time with nature
- Latest gadgets & Technologies, Electric vehicles, Working with motors, Batteries, Converters Etc
- Listening Music , Hill Climbing, Cooking, Nature,