



Mahesh babu Kesana

Electronic Engineer

Dedicated and motivated engineer seeking an opportunity to developing my carrier professionally and as an individual working in an innovative and competitive environment. I wish to contribute to the organization with hard work, sincerity, patience and dedication.

Experience

2016-12-
2017-07

Research work in DEI Laboratory at University of Bologna

The Objective of my research was to consider a video surveillance application Using a camera mounted on a drone flying over the area to be monitored and Sending the video feed back to a control center through multi-hops, protocols. Packet Success Rate and Average Delay were evaluated by using appropriate Hybrid Wireless Mesh Routing Protocol(HWMP) scenario based on IEEE802.11s Standards.

2012-08-
2014-05

Asst. Technical Recruiter Tech Genius Inc. Hyderabad(India)

- Helped resource manager and sourced consultants in all phases of recruitments for various clients.
- Co-ordinated the entire recruitment process right from the sending the candidates profile till his joining and preliminary screening of the candidate to evaluate various parameters like Education, Experience, Technical skills, Communication, Skills, Salary... etc

Education

2014-09-
2017 -07

University of Bologna, Masters in Electronics Communications Science and Technology

During my Masters, I gained knowledge in

- Hardware and Software Embedded systems (FPGA, VHDL, MCU)
- Wireless Sensor Networks (TCP, UDP, HWMP, CSMA/CA, AODV)
- Solid state Electronics
- Design and Testability of integrated circuits
- Elements of Statics Signals and Systems

2008-09-
2012-05

Jawaharlal Nehru Technological University, Kakinada, Bachelors in Electrical and Electronics Engineering

During my Bachelors, I gained knowledge in

- Power Electronics (AC-AC, DC-DC Convertors)
- Electrical Machines
- Micro Controllers and Micro Processors
- VLSI design
- Electronic Devices and Circuits

Projects

Performance Evaluation of Sine PWM Technique for An Asymmetrical Cascade Multi-Level Inverter (Bachelor's Project)

The main Objective of the project is to Reduce switching losses and total harmonics distortion

Multi-Hop Protocols for Drone-To-Ground Communications (Master's Thesis)

Is to Design a Routing Protocols by using Hybrid Wireless Mesh Routing protocols(HWMP) in appropriate for the scenario's based on IEEE 802.11s Standard

A Study project on protection of transformer

General outline is protection of transformer and overall thermal power plant functioning were known in Thermal Power Station

For more details of my projects and source codes please visit following site

<https://github.com/maheshbabukesana/ns-3-with-c-coding.git>

<https://github.com/maheshbabukesana/html-and-css.git>

Reference

Prof. Ing. CHIARA BURATTI c.buratti@unibo.it

Sr. Technical Recruiter Y. SIVA KUMAR shiva.clg62@gmail.com

Personal Info

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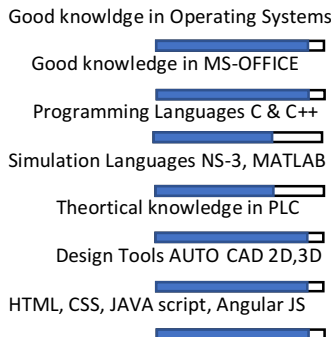
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ISCRITTO A GARANZIA GIOVANI

Skills



Languages

Languages	Speaking	Listing	Reading	Writing
Telugu	Mother Tongue	Mother Tongue	Mother Tongue	Mother Tongue
English	C1	C1	C1	C1
Italian	B1	B1	B1	B1

Levels: A1 and A2: Basic user B1 and B2: Independent user
C1 and C2: Proficient user
Common European Framework of Reference for Languages