

CURRICULUM VITAE

Srikanth Kotakonda

Lead Engineer
Collins Aerospace

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Educational Qualifications

- MTech in Advanced Communication Systems at N.I.T, Warangal with CGPA of 8.50.
- BTech in Electronics & Communication Engineering from Mother Teresa Institute of Science and Technology affiliated to J.N.T.U, Hyderabad during 2003 to 2006 with CGPA of 7.1(equivalent to 65.98%).
- First Class (with Distinction) in Diploma in Electronics and Communication Engineering from Govt.Polytechnic, Nizamabad during 2000-2003 with an aggregate of 75.05%.
- First Class in C.B.S.E 10th standard from Warangal Public School with an aggregate of 66%.

Career History

- Presently working as Lead Engineer in Collins Aerospace.
- Worked in Cabin Systems project and gained experience on Tools like Robot-Framework, Wireshark etc.
- Worked as Junior Telecom Officer in B.S.N.L (A Govt. of India Enterprise) during MAY'2010 - SEP'2021 in Maintenance of Long-haul Optical Fiber Networks.
- Resigned as Junior Telecom Officer in B.S.N.L to pursue higher studies.
- Gained experience in maintenance of SDH, DWDM Optical fiber Networks for long distance communication.
- Acquired Knowledge and gained experience in maintaining SDH OFC systems such as MADM, DWDM and DXC networks of different clients like TEJAS Networks, HUAWEI MADM's, ZTE and UTL DWDM's.
- Qualified GATE-2021 exam in ECE Stream with AIR-3806 and GATE Score-455, joined MTech in N.I.T Warangal.

Additional Skills:

- Completed online NPTEL course on "Communication Networks" conducted by IIT Kharagpur.
- Completed Hands-on Machine Learning course conducted by IEEE student branch, NIT Warangal.
- Experience in working with Virtual Machines like VM Ware, Virtual box etc.
- C, Python, C++
- Linux and Cyber-Security basics.
- Problem-Solving Skills.
- Possess Techno-Managerial Skills
- Good Communication Skills.
- Mini projects done:
 - 1) Arduino Uno based Traffic Light System using LEDs and LEDs control with Blynk app.
 - 2) Arduino Uno based Intruder Alarm circuit using Ultrasonic Sensor HC-SR04 with Thingspeak Integration.
 - 3) Arduino Uno based Temperature & Humidity Monitoring using DHT11 Sensor with Thingspeak Integration.
 - 4) Arduino Uno based MQ-135 Gas Sensor.
 - 5) Machine Learning based Heart disease Prediction Model using Logistic Regression.
 - 6) A Computer Vision based LED Controller using Hand movement.
- Major Project: Spotting differences between two images using Deep Learning.

Hobbies:

- Reading books and Creative Writing.
- Passionate towards learning new things.

Place : Warangal
Date : 12/3/2024

(**Srikanth Kotakonda**)
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