KRISHNA CHAITANYA BHAGAVATHI

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B.Tech, ECE
Gayatri Vidya Parishad College of Engineering

Work Experience:

Assistant Systems Engineer, TCS

Aug 2021 – Present   Hyderabad, India

- Currently working as a UI developer
- Responsible for developing, optimizing and refactoring the code base
- **Tech Stack**: HTML, CSS, learning React js.

Assistant Systems Engineer Trainee, TCS

Jun 2021 – Aug 2021   Hyderabad, India

- Worked on 5G ATSSS support for (amf-smf) and added some key features in it.
- Learned c++, aws, docker.

Projects:

Router project (sep - 2022)

- Created a 1x3 router by creating different sub modules and integrating them to top module and verifying the DUT.
- This consists of 4 sub modules instantiated to the top module.
- **Tech Stack**: Verilog, Modelsim, quartus prime.

Synchronous Dual port RAM 16x8 (sep - 2022)

- Created a dual port ram which is of depth 16 and the width with 8bits and verified it with test bench.
- **Tech Stack**: Verilog, Modelsim, quartus prime.

Density based Traffic control system using IOT and Image processing

- Created a real-time application which detects the density of the traffic and controls the traffic.
- **Tech Stack**: python, RaspberryPi.

Home Automation

- Created an IOT application which automates various tasks at home.
- It is a real time project installed at home
- **Tech Stack**: C, Node MCU, Sensors.

Academic Qualifications:

B.Tech – ECE, 2021
Gayatri Vidya Parishad College of Engineering
CGPA: 7.87

XIIth Standard - MPC, 2017
Sri Chaitanya Junior College
Percentage: 84.6%

Xth Standard , 2015
Aditya Talent School
CGPA: 9.2

Skills:

Programming Languages:
- C, Python,Verilog,basics of SV.

Development:
- HTML, CSS.

Tools and Technologies:
- Modelsim, quartus-prime, RPA for Uipath Studio, VS Code, Eclipse, MS Office, Linux

Interpersonal Skills:
- Good Communicator, Hardworking and Problem Solving

Trainings:

Getting trained from MAVEN SILICON for VLSI design and verification

Achievements & Activities:

- Active member of Rotract club, GVPCE (A), conducted events on creating awareness to students.
- Active member of IETE Club, GVPCE(A).
- Active member of wer4help club, GVPCE(A).