

Kota Koushik

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SUMMARY

A diligent and meticulous student currently pursuing a Bachelor's degree in Electronics and Communication Engineering with a strong foundation in analog and digital circuit design, embedded systems, and VLSI design. Actively involved in hand and laboratory exercises, demonstrating proficiency in using various electronic testing and measurement equipment. Troubleshooting and implementing innovative solutions to complex electronics challenges. Seeking an internship to apply theoretical knowledge in a practical industrial setting and gain invaluable experience in the electronics domain.

EXPERIENCE

May 2024 - July 2024

- **Intel Corporation - Bangalore, IN, Intern**
 - Working on a Cryptography Problem statement related to digital certificates

September 2023 - October 2023

- **Team Everest - Bangalore, IN, Volunteer**
 - Team Everest is a volunteer organization that provides education for poor children and my role is a scriptwriter.

EDUCATION

Gitam University Bangalore	Bengaluru, India
Bachelor of Technology in Electronics and communication Engineering	Sep'21– Jun'25
Cumulative GPA: 8.86/10	
Narayana Junior College	Andhra Pradesh, India
Board of Intermediate Education	2019 – 2021
Percentage: 93.6%	
Montessory High School	Andhra Pradesh, India
Secondary Board of Education	2009-2019
Percentage: 92.15%	

SKILLS

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- C (SKILLFULL)

- C++ (BASIC)
- PYTHON
- SQL
- MS OFFICE
- DATA STRUCTURES AND ALGORITHMS(BASIC)
- VLSI DESIGN
- SOFT SKILLS

LANGUAGES

Telugu(Native) ●●●●●

English(Proficient) ●●●●●

Hindi(Intermediate) ●●●●●

TRAINING/COURSES

- AWS Academy Graduate - AWS Academy Cloud Foundations AWS academy
- Introduction to Cybersecurity Cisco Networking Academy
- AWS Academy Machine Learning
- Google AI & ML Virtual Internship
- PALO ALTO Cybersecurity Virtual Internship

ACADEMIC PROJECT

- **3D Train Engine Design - AutoDesk Fusion 360:**
 - Executed a Mechanical Project using AutoDesk Fusion 360 in the domain of Engineering Visualization and Product Realization (EVPR).
 - Designed a 3D Bridge, employing advanced features and tools within the Fusion 360 software. - Produced comprehensive views, including Top View, Front View, and Side View, showcasing a detailed representation of the train model.
- **Health Tracking Device**
A device that has features of measuring hypertension, diabetes, cholesterol, and blood platelets, the motto is to reduce time consumption at hospitals, and labs and economical friendly.
- **Traffic Light Controller Using FPGA _ Xilinx Vivado**
It is the implementation of a four-way road traffic controlled by the FPGA kit using Verilog code.

WORKSHOPS

- Participated in 'Workshop on VLSI' held on Jan'2024 organized by Department of ECE, GITAM(Deemed to be University)
- Participated in a hackathon on solving problem statements related to Traffic Control on highways on March 2023 organized by the VDC department, GITAM(Deemed to be University)

TECHNICAL SKILLS

- **Programming Languages:** C, C++, Python, SQL, Verilog
- **Software:** Vivado, Ansys, Autodesk Fusion 360, Cisco packet tracking, Cadence

HOBBIES

- Script Writing
- Cricket
- Dance