RAMA SIVA DINESH TADIKAMALLA

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Education

GITAM School of Technology, Karnataka October 2021 – May 2025\*

BTech - Electrical, Electronics & Communication Engineering CGPA – 8.3 Bengaluru, Karnataka

Krishna Chaitanya Jr College, AP HSC May 2019 – March 2021

Higher Secondary – 86.10 Nellore, Andhra Pradesh

Dr. KKR Gowtham Concept School, AP SSC June 2018 – March 2019

Secondary School – 90.25 Nellore, Andhra Pradesh

Experience

KPIT Internship May 2024 – June 2024

GITAM University, Bengaluru

* Problem Statement - Embedded Systems Development for Automative Dashboard Displays.
* Developed and implemented solutions using STM32 as the ECU, integrating various sensors and utilizing serial comm interface for communication between electronic components.

Embedded Mobility Development August 2023 – September 2023

HCL Tech, GITAM University, Bengaluru

* Hands-on experience with STM32 and ARM microcontrollers, utilizing industry-standard tools and methodologies for embedded development.
* Gained practical knowledge in hardware-software integration and real-time systems.

Technical SkillsLanguages: C, Python, Verilog, Embedded C

Hardware Tools: Arduino, Raspberry Pi, FPGA, 8051 Microcontroller, STM32

Software Tools: MATLAB, Xilinx Vivado, Keil, Google Colab

Extracurricular Activities

Intern – Training & Competence Development March 2024 – Present

GITAM Career Guidance Cell Visakhapatnam, Andhra Pradesh

* Execution and Organization of Alumni Talks (Upskilling Sessions), significantly enhancing student placement opportunities and career readiness.
* Implementation of various technical activities, ensuring flawless execution and fostering high-level skill enhancement among participants.

Student Coordinator November 2023 – Present

Dept of EECE, GITAM School of Technology Bengaluru, Karnataka

* Acted as a liaison between students and CGC Bengaluru, cultivating an atmosphere of collaboration and a supportive environment.
* Empowering juniors for enhanced career prospects and offering holistic support throughout their academic journey.

Vice President August 2023 – Present

Pioneers Club, GITAM University Bengaluru, Karnataka

* Pioneers Club is a student organization mentored by GCGC under the aegis of Coursera and registered with the Directorate of Student Life – Bengaluru Campus.
* Our Club supports learners in their learning process and promotes the habit of self-learning and upskilling through Coursera. It serves as a vibrant hub that fosters a culture of continuous learning and growth.

Marketing and Public Relations Head January 2023 – February 2024

Speaking Club, GITAM University Bengaluru, Karnataka

* Overseen events to enhance engagement and promote communication skills within the club and community.
* Supported marketing and public relations efforts to boost club engagement, visibility, and outreach.