Raghavendra Dodamani

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Profile Summary

Motivated and tech-savvy engineering graduate with training in embedded systems and C programming. Skilled in debugging, logical analysis, and preparing clear technical documentation. Adept at problem-solving and identifying process improvements to enhance quality and efficiency. Seeking to apply technical expertise and analytical abilities in a challenging role that offers opportunities for growth and contribution to organizational success.

Skills

- **Languages** : C, C++, Microcontrollers, Data Structures, Linux Internals, systems
- **Tools & IDEs**: PICSIMLAB, MPLAB IPE & IDE, Microsoft Visual Studio, JIRA, Trello (Bug Tracking Workflow Simulation)
- **Technical Proficiency**: Adobe Premier Pro, Microsoft Office, Computer Troubleshooting ,Console Familiarity
- **QA Oriented skills**: Attention to Detail, Bug Reproduction, Documentation, Process Adherence, QA Workflow Simulation

Education

REVA University, B.tech in Mechanical Engineering — 2018 – 2022
- CGPA 7.2

Excellent PU College, PCMB — 2016 – 2018
- 80%

  – **Additional Course** : ECEP - Advanced Embedded System, Emertxe. — 2023 – 2024

Projects

Data Hiding using Steganography
- Developed a data-hiding algorithm using C programming for secure information storage.
- Implemented bitwise operations and file manipulation techniques.
- Tools Used: C, Visual code

QA Workflow Simulation using Trello/JIRA (2025)
- Created a QA board to simulate real-world issue tracking.
- Logged sample bug reports with clear steps, severity, and lifecycle tracking.
- Practiced task movement, documentation, and resolution status updates.

Fabrication and Characterization of Multi Walled Carbon Nanotube Metal Matrix Composite processed by MDF
- Led a team of four in conducting a comparative analysis of mechanical properties before and after MDF processing, enhancing leadership, teamwork, and analytical skills.
- Published a research paper titled 'Fabrication and Characterization of Multi-Walled Carbon Nanotube Metal Matrix Composite Processed by MDF' in the Proceedings of the International Conference on Advanced Science and Engineering Technologies (ASET), 2023.

Languages

- **English** – Fluent (Read, Write, Speak)
- **Kannada** – Native (Read, Write, Speak)
- **Hindi** – Proficient (Read, Write, Speak)