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| SIddarood  Karachuri | | +91 8123001085  Vadodara, Gujarat | siddarthinme@gmail.com | | | |
| Accomplished Embedded Systems professional with a rich background spanning Mysuru and Vadodara. Previously, I served as an Embedded Platform Engineer in Mysuru, contributing to the development and optimization of embedded systems. I have since transitioned into a Full Stack Developer role, currently working in Vadodara. My diverse experience has equipped me with a well-rounded skill set to tackle challenges in both Embedded Systems and Full-Stack Development. | | | | | |
| ExperienceEmbedded Platform EngineerL&T Technology Services | Mysuru, KarnatakaMay 2022 – June 2023  * Developed a small application in C to validate device driver functionality on hardware, ensuring thorough testing for proper hardware design and functionality verification. * Contributed to the platform by porting diverse features to new car types, conducting functionality testing, and actively resolving Jira issues posted by team members. * Utilized tools such as Jira, Serial downloader, TortoiseSVN, A2B Analyzer, Notepad++, and Understand tool to streamline development processes. * Applied development roadmap and business model hierarchies for task prioritization and collaborated seamlessly with software, firmware, and hardware engineers to deliver comprehensive embedded solutions. * Designed embedded hardware, firmware, and interfaces tailored for the Transportation industry.  Full stack web developerL&T Technology Services | Vadodara, GujaratJuly 2023 – Present  * Expertise in creating dynamic UIs with React JS and Java Play Framework for a full-stack development approach. * Proficient in front-end technologies such as HTML, CSS, JavaScript, and Material UI to deliver seamless user experiences. * Specialization in implementing robust security measures and optimizing databases for enhanced functionality. * Utilization of task management tools like Jira to ensure project efficiency and team collaboration. * Experience in comprehensive X-ray and unit testing practices for maintaining a dependable system. * Skills include working with MS SSMS, GitHub, Postman, and IDEs like IntelliJ IDEA and Visual Studio Code for efficient development workflows. | | | | | |
| TRaining and certification | | | | |
| * C Programming on Multiple Approach – PBL Platform * Mastering Microcontroller with Embedded Driver Development * Essentials of Embedded Systems * Applied SDLC and Software Testing * Overview of Automotive Systems * Deep Drive to Unified Diagnostic Services (UDS) over CAN | * CAN Network simulation in CANoe and CAPL Scripting * Applied Control System and Vehicle Dynamics * Model Based Design (Model, Software, Hardware in Loop) * Classic AUTOSAR: Beginner * Essentials of Python * The complete 2023 web development bootcamp – Udemy | | | | |
| EducationBachelor of EngineeringBMS Institute of Technology and Management | Bengaluru, KarnatakaOctober 2021 | 7.84 CGPA | Electrical and Electronics EngineeringDiploma IN EngineeringThe Oxford Polytechnic | Bengaluru, Karnataka July 2018 | 79.33% | Electrical and Electronics Engineering SSLCAthani Vidyavardhak High School | Athani, Karnataka March 2013 | 72.48% | | | | |
| Skills | | | | | |
| * C Programming * Tortoise SVN * Jira * STM32Cube * Cygwin * Serial downloader * TortoiseSVN * A2B Analyzer * Understand tool * Notepad++ | | | * ReactJS * HTML, CSS, Javascript * Java Play Framework * MS SSMS * GitHub * Postman * IntelliJ IDEA * Visual Studio Code * Material UI | | |
| LanguagesEnglishProfessional Working ProficiencykannadaNative or Bilingual Proficiencyhindi Professional Working Proficiency | | | | | |
| Interests  * Cycling * Photography * Trekking * Reading Books | | | | | |
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