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| **Mobile:**  **+**91-9059026594  **+**91-8328606524  E-Mail:  knagarajureddy09@gmail.com  kethirinagarajureddy@gmail.com  Personal Data:  **Date of Birth** :  5th August,1995  **Gender** : Male  **Nationality** : Indian  **Marital Status :** Single  Languages Known:  Telugu, English, Hindi.  **Interests:** Eager to learn new things, Playing Cricket.  Permanent Address:  S/O Mr. Sudhakar Reddy,  H.NO.2-6-1501,  Srinivasa Colony,  Hanamkonda– 506001 Telangana(INDIA) | **NAGARAJU REDDY K.**  **Experience: 3 Years 6 Months as an Engineer in Power Electronics**  **Career Objective**  To work in a challenging environment where i can prove myself by utilizing my skills & knowledge and resulting organizational growth as well as individual development.  **PROFESSIONAL EXPERIENCE**   * Working as a Project and Testing Engineer for converters like (3Phase AC-DC, 1Phase AC-DC, DC-DC) at Variturn Electro Products, Hyderabad from July-2016. * Having an experience in designing of Power converters and filters, EMI/EMC and Environmental tests for MIL grade and commercial, industrial grade converters.   **Responsibilities:**   * Joined as Graduate Engineer trainee in R&D department. * R&D in projects according to customer requirements and to improve efficiency. * As an Engineer, maintenance and monitoring of various projects. * Final designing Fault finding in PCB & Circuit. * Testing and Designing of circuits using ORCAD. * Testing and creating standard inspection reports of manufactured product like Battery Chargers, DCDC Converter and Power Supplies. * Testing of PCBs, Converters, Battery Chargers and Power Supplies. * Designing of EMI EMC Filters, Power converters, required test jigs and fixtures for testing. * Facilitation inspection and designing of new product as well as component before starting designing. * Manage and monitor the maintenance of lab and equipment periodically and ensuring the proper functioning. * Responsible for generating reports pertaining to the purchase orders, cost limitations in purchasing required components related to the project need and company ISO standards related to my working department. * Doing MTBF Calculations for Power supplies. * Preparation of various Technical Documents like Specification Document, QAP, ATP, PSEQ/SOP, MDI.   **ACADEMIC QUALIFICATIONS**   * Completed **Bachelor of Technology** in Electrical and Electronics Engineering from Vaagdevi Engineering College with aggregate of **71.75%**in the year of 2016**.** * Completed **Intermediate** from N.V.B. Junior College with aggregate of **82.3%** in the year of 2012**.** * Completed **SSC** from B.V.M. High School with aggregate of **81.1%**in the year of 2010**.**   **PROJECTS**  **Title: Quad Power Supply Unit**  **Role: Design Engineer**  **Description:** 370W AC to DCQuad Output Power Supply with redundant Output.  **Title: 440V 3Phase AC-DC Converters, DC-DC Converters**  **Role: Design Engineer**  **Description:** 3 varieties of DC-DC and 3Phase 440V AC-DC Converters which qualified for the EMI EMC MIL STD 461E, Environmental JSS 55555, 30G Shock Test.  **Title: DC-DC Converters And 3Phase AC-DC Converters**  **Role: Design Engineer**  **Description:** 7 varieties of DC-DC and AC-DC Converters which qualified for the EMI EMC MIL STD 461E, Environmental JSS 55555, 163G Shock Test.  **Title: Auxiliary Power Supply Unit**  **Role: Testing Engineer**  **Description:** Design and Development of 5Ch-1KW Auxiliary Power Supply Unit with an input of 230V,50Hz  **Title: 27V, 0.6A Power supply**  **Role: Testing Engineer**  **Description:** Power supply module with input of 21V-36V and Regulated Output of 27V,0.6A  **Title: Power Supply-65W**  **Role: Testing Engineer**  **Description:** It is a dc-dc converter with dual channel output.  **TECHNICAL SKILLS**   * Microsoft Office. * AutoCAD, AutoCAD Electrical, Orcad Capture, Webench, Code Composer studio, NI Multisim, KiCAD, LTSpice, RFSIM99. * Language: C, SQL.   **Achievements**   * Efficiently predicted the faults of some components in projects (Device) this improved the accuracy and efficiency. * Successfully established the ISO rules in the R&D department for standard testing and designing procedures. * Solely entrusted with the responsibility of performing the reliability tests for the product which was successfully executed. * Joined the company as a graduate engineer trainee and was prompted to the Engineer in June 2017. * Participated in various power point presentations and got second prize for presentation on Renewable Energy Sources. * Participated in Technical quiz competition as a group secure first prize. * Participated in Bharath Scouts& Guides camp as a petro leader to my group in the year 2005 held at Jeedimetla,Hyderabad. * Published a paper title An Ultracapacitor Integrated Power Conditioner in International Journal of Electrical and Electronics Engineers. * Presented a paper on An Ultracapacitor Integrated Power Conditioner in 3rdInternational Conference on Recent Trends in Engineering Science and Management.   **DECLARATION**  I hereby ensure that the above mentioned information is true and correct to the best of my knowledge and belief.  Place: Hyderabad  Date: **NAGARAJU REDDY K.** |