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WORK EXPERIENCE:		
Net Creative Mind Solutions Pvt. Ltd. – October 2023 – present Worked with the National Informatics Center (NIC) deployed at the Ministry of New and Renewable Energy, supporting the development and implementation of the following projects: <ol style="list-style-type: none"> National Renewable Energy Portal (NREP): Developed a website to track and monitor the status of renewable energy projects in India, focusing on solar energy under three key schemes: Solar Park, Solar Power, and Green Energy Corridor - Phase II. The website was designed to provide real-time updates and insights into project progress and performance. National Portal for Rooftop Solar: Worked on the integration of DISCOM APIs with the portal, which deals with the PM Surya Ghar: Muft Bijli Yojana scheme, enabling seamless data exchange between the portal and DISCOM systems. This integration streamlined the process of tracking electricity distribution and ensuring solar energy installations under the scheme. Approved List of Models And Manufacturers (ALMM): Contributed to the development of a portal that manages the process for manufacturers setting up plants for solar PV module production. The portal facilitated the inspection and approval process by National Institute of Solar Energy (NISE), ensuring compliance with industry standards for use in all Government projects. 		
Austere Systems Limited - June 2022 – October 2023 (formerly Austere Systems Private Limited) Projects Worked On: <ol style="list-style-type: none"> Gharobaar (E-commerce website): The aim of the project is to create an ever- growing family of buyers and sellers, transacting in quality products & services,provided from home at affordable prices, and offering exceptional services to all the family members. It is mainly a platform for homepreneurs (businesses run from home) to provide them with opportunities for becoming self -reliant. Bhogen (E-commerce website): It is a subsidiary of Gharobaar. The aim is to provide fresh, wholesome meals that capture the essence of homemade food to people of all generations. Fund Disbursement Management System for Haryana Rural Development Fund: The purpose of this system is to track and monitor fund disbursement and utilization under Plan Schemes on real-time basis for different districts of Haryana. 		
Macmillan Publication – June 2020 - December 2020 Content Designer: Contributed to the development and adaptation of educational content for a mobile app, transforming traditional textbook material into interactive, mobile-optimized formats. Worked as part of a team to ensure the content was engaging, user-friendly, and aligned with the app’s learning objectives. Focused on improving accessibility and user experience by tailoring content specifically for the mobile environment.		

Stanford University – April 2018 – June 2018

Compiled and analyzed data collected from a survey conducted in October 2017, creating detailed reports that summarized findings and provided actionable insights. Organized data into clear, comprehensive formats to support decision-making and identify key trends.

Stanford University – October 2017

Coordinated survey scheduling across colleges, working with staff to administer surveys to engineering students and faculty. Collected data to assess the status of engineering education in India, with IITs as a reference.

INTERNSHIPS/CERTIFICATES:**1. Honda Cars India Limited, Greater Noida - June 2017 - July 2017**

Analysed different processes involved in the body fabrication line for Honda cars to investigate and identify the root cause of quality issues that were leading to rework, delays and ultimately adding to cost of manufacturing. Conducted in-depth study of the welding, painting-prep, finishing, spare parts and the quality control processes to understand the different aspects of manufacturing. Documented the processes through a detailed process mapping exercise and looked at potential weaknesses in the manufacturing chain. Identified a serious issue with the design of a jig that was causing damage to the body during the manufacturing process. Presented findings to the design engineers and collaborated with them on redesigning the jig to mitigate this issue

2. Bharat Electronics, Ghaziabad - July 2016 - August 2016

Conducted an in-depth study of the different kinds of radars used in military applications, to understand the technology, capabilities, usage parameters, guidelines, advantages and limitations. Studied both analog and digital modes and performed several data analysis exercises on radar data output, to understand patterns and make inferences and interpretations using graphical tools and techniques

3. JAVA course from Sunsoft Education Centre - June 2016 - July 2016

Six weeks certificate course in core JAVA.

EDUCATION:**B.Tech from Jaypee Institute of Information Technology, Noida - August 2014 - July 2018**

Branch - Electronics and Communication.

Class 12 - Hillwoods Academy, New Delhi - March 2013 - May 2014

Central Board of Secondary Education

Class 10 - Hillwoods Academy, New Delhi - March 2011 - May 2012

Central Board of Secondary Education

OTHER PROJECTS:

1. Railway Reservation Management System - Programming in C to develop a reservation system for the Indian Railways using a database of train schedules, passenger capacities, demand simulations and other constraints

2. Radio Frequency Jammer - Setup an experimental rig using electronic components to study the prospects and limitations of jamming certain radio frequencies

3. Semiconductor Comparison - Setup an experiment to compare and analyse the effects of temperature on the performance of non-planar MOSFETs vs. planar MOSFETs. Data was analysed and visually presented using MATLAB. Submitted a review paper after analysing and compiling the data

TECHNICAL SKILLS:

NodeJS, ReactJS, PHP (Laravel and CodeIgniter), HTML, CSS, Bootstrap, JavaScript, jQuery

Database: MySQL, MongoDB

HOBBIES:

Movies, Sports, Drawing, Chess and Photography

Declaration:

I hereby declare that the data furnished above is true to the best of my knowledge.