RESUME: MRIDUL GUPTA

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OBJECTIVE: To learn from real world Industrial experiences so that I result to be an asset.

STRENGTHS

EDUCATION

EXPERIENCES / POSITIONS OF RESPONSIBILITY

A.I. VALIDATION ENGINEER (01/07/21 – Present)

Number Theory Software Pvt. Ltd.

CGPA – 8.6 in B.TECH
(Electrical & Electronics
Engineering), Maharaja
Agrasen Institute of
Technology, (Guru
Gobind Singh
Indraprastha University),
2021

CGPA – 8.5 in XIIth class N .C. Jindal Public School, C.B.S.E, 2016

CGPA – 9.6 in Xth class N .C. Jindal Public School, C.B.S.E, 2014

CERTIFICATIONS/TRAI NINGS

Learning from Algorithms
for BMS (COURSERA
Specialization)
Pursuing course by Dr.
Vivek Bindra:
Everything about

Entrepreneurship Introduction To Marketing (COURSERA)

SKILLS

TECHNICAL:

C++, SQL, python, MS Excel, Data Analysis, Tableau (Beginer),Business development & strategy, case study analysis, problem solving, Lfp battery testing and Communication protocols.

PROFESSIONAL:

Good communicator, Diligent, Versatile, Determined, Honest, Leader, Compassionate <u>Major Task</u> – Validated the Number Theory platform by creating different pipelines using UI and also implemented them in python using pyspark, pandas, numpy etc for components in (ETL, Data Exploration & Tranformation, segmentation, data profiling, model development) for comparison of result as Number theory platform is implemented using scala.

Created test cases for each component in NT platform .

Along with manual testing i also implemented automated triggering using API and changing of parameters of pipelines using python which helped run pipelines with various combination of parameters automatically.

ASST. RESEARCH ENGINEER TRAINEE (18/11/20 – 1/03/21)

Green Evolve Pvt. Ltd.

<u>Major Task</u> – Performing test on Lfp cells using Power cabinet cycler machine and analyzing the data to understand cell behavior & characteristics.

Developed isolation chamber & temperature controlled heater to maintain ambient temperature for cell using NTCs, ESP32.

Creating research reports on temperature variation & CNG stations along with price variation in India.

Assembling the battery pack & integrating all components in 12V & 48V system of power train of L5 vehicle.

Developed GUI dashboard using Python(PyQT) which shows real time data & chart from BMS i.e Battery management system

Assistant OPERATIONS ENGINEER (01/06/20 – 10/11/20)

BLUEMOUNT UDYOG Pvt. Ltd.

<u>Major Task</u> – Development of automatic hand sanitizer dispenser. Assisting in the plant operations: supply chain, production & quality assurance. I learnt a lot about injection molding machines and managing the plant.

ELECTRICAL ENGINEER INTERN (01/06/19 – 30/07/19)

HAVELLS INDIA Ltd.

<u>Major Task</u> – Performed thermal analysis of complete plant using Flir thermal camera along with testing of hrc fuses and circuit breakers.

INTERNSHALA STUDENT PARTENER INTERNSHALA, Gurgaon & CORE TEAM MEMBER HULT PRIZE By Mr. Bill Clinton (01/09/18 – 30/11/18)

<u>Major Task</u> – Performed Digital Marketing and organized seminars to encourage students to do internships.

As a core member I was part in creating awareness programs and getting in Sponsorships for the event.

SUMMER INTERN (04/06/18 – 04/08/18) ACADEMY OF EMBEDDED TECHNOLOGY, Delhi

<u>Major Task</u> – Design and Development of GUI interface & Bike Schematic interactive Trainer Board for major two wheeler companies in India using raspberry pi 2, touchscreen and ATMega 328p majorly.