



Parthi Pirta

Engineer

Contact

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Skills

Problem Solving

Strategic planning and analysis

Communication and Language fluency

Multitasking and Organization

Self Motivated

Team Oriented

Interpersonal Awareness

Adaptability

Integrity

Languages

English

Hindi

Detail-oriented team player successful at managing multiple priorities with a positive attitude. Willingness to take on added responsibilities to meet required goals with a high degree of accuracy.

Work History

2021-06 -
2022-01

Intern

L&T Electrical and Automation, FZE

- Worked in a wide range of technical projects for BAPCO, OTTCO and various Technology Integration Software's Like TAMS, AOA, AVEVA- all under the supervision of Schneider Electric
- Learned about switch configurations and cabinet panel configurations.
- Key responsibilities included:
 - Understanding the practical functions of power systems.
 - Collaborating with different teams within the office, ensuring shipments are ready to be dispatched.
 - Ensuring that the relevant inspectors are given constant updates on project progress.

2019-06 -
2019-08

Intern

State Load Dispatch Center (SLDC), Himachal Pradesh, India

- Worked under different Project Managers, on a wide range of projects
- Played a role in both the technical and administrative requirements of the project
- Key responsibilities included:
 - Physically testing cabinets to be sent on-site, ensuring proper response of the components.
 - Contacting vendors, procuring materials required for shipments.
 - Tallying costs endured and payments received to calculate and maximize profit margins.

Education

2022-01

Bachelor of Engineering: Electrical And Electronics Engineering

BITS Pilani

- Graduation with Distinction, 2022
- 9 CGPA

2018

Class XII

Convent of Jesus And Mary, CHELSEA - Shimla

- Final Grade: 94% with PCM, CBSE Board

2016

Class X

Convent of Jesus And Mary, CHELSEA - Shimla

- 10 CGPA, CBSE Board

UPSC CSE Aspirant

A career break to prepare for UPSC CSE helped me enhance my perspective in general and widen my knowledge base in particular.

Being an Engineer, this boosted my understanding of International Relations, Economics, Sustainability along with Policy making and Governance.

Long hours of rigorous hardwork fostered discipline, perseverance, self motivation and a command over time management.

The overall journey of UPSC CSE has further intensified my will to make significant contributions towards the betterment of the society.

Certifications

AutoCAD Projections, Isometric and orthographic Drawings.

TASM Used in assembling code for 16 and 32-bit Intel Microprocessors.

Adobe XD Prototyping Mobile Application UIs, creating templates that could then be followed on Platforms like Android Studio.

Adobe InDesign Interpretation and Red-Markups. Creation of posters and brochures.

Affiliations

- Vice Chairperson of IEEE Student Branch
- Vice Chairperson of WIE Student Branch
- General Secretary of Allure (Fashion Club)
- Member of Groove (Dance Club)
- Member of Sports Club (volleyball, table tennis and boxing)
- Member of Expressions (Literary Club)
- Member of the AOEE Club

Projects and Research experience

- New Venture Creation, Scaling Rooftop Solar with startup PowerErn. Along with the teammates, identified roof usage patterns and RTS among residential consumers and their readiness to adopt the technology. Understood the drivers and barriers for the adoption of RTS as provided by residential consumers. Gauge consumer acceptance of innovative business interventions, such as on-bill financing, solar subscriptions, shared solar and third-party models. Designed an online platform to connect retailers with consumers., 2020, Year 3, Sem 1
- Human Cochlear Model using Simulink and MATLAB, Utilized MATLAB to simulate an application for sample Human Cochlear Model using Simulink to avoid noise transmission and focused on enhancing efficient auditory performances., 2021, Year 3, Sem 2
- Light Optimization Using IES-VE, Designed building models for Light Optimization Using IES-VE software., 2020, Year 2, Sem 2

Extra Curricular

- Won 1st Place in the EDMUN as the best delegate held in St. Edwards in 2018.
- Won 1st Place in the Archery at BITS Sports Fest held by BITS Pilani Dubai Campus in Nov 2021.
- Won 2nd Place in Inter College Dance Competition for Jashn , the inter-college cultural festival held in BITS Pilani, Dubai Campus in April 2019.
- Won 2nd Place in the Jashn for Allure, fashion club of BITS PILANI DUBAI CAMPUS in April 2019.
- Won 1st Place in BITS Women's boxing championship held in April 2019.
- Coordinator for the Modelling, Simulation & Intelligent Computing (MoSiCom) International Conference held in BITS Pilani, Dubai Campus from the 29th to 31st January 2020.
- Registration Coordinator for BSF, the inter-college Bits Sports Festival held in BITS Pilani, Dubai Campus from 15th November, 2019 to 18th November, 2019