Yash Pal

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| Nahan 65, Sirmour HP  (91)-8626935756  paly7841@gmail.com  Linkedin Profile  [**linkedin.com/in/yash-pal-118751259**](https://www.linkedin.com/in/yash-pal-118751259)  Motivated and skilled professional seeking to leverage expertise in electric vehicles to contribute to sustainable transportation initiatives and advance the adoption of electric mobility solutions I am committed to fostering a positive work environment**.** | |
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| Experience 1EV Intern, [Company Name], [City, State]01.09.2023 – 30.08.2024Diagnosed and resolved electrical and mechanical issues in electric vehicle systems.Installed and tested charging infrastructure for electric vehicle fleets and residential applications.Collaborated with cross-functional teams to ensure the successful integration of electric vehicles into existing transportation systems.Certifications **Electric Vehicle Certification – Internshala (01.09.2023 – 30.08.2024)** ProjectsCase study/review paper on charging stations in a state.This project focuses on analyzing the EV sector in India, including market study and technical documentation. It explores the demand for EV charging stations amid privatization, renewable energy growth, and addresses key challenges like infrastructure, battery costs, and location selection to promote EV adoption.Complete EV model battery calculations for a configured parameter.This case study focuses on battery and BMS calculations for Lithium-Ion battery systems. A Battery Management System (BMS) is crucial for real-time cell control, communication, SOC calculation, and more. BMS choice affects battery pack quality and lifespan, vital for energy storage and electric vehicles. Accurate parameter estimation ensures proper sizing and long-term performance. **Design of EV using Qss Toolbox**   * **Design a powertrain system quickly and in a flexible manner and calculate fuel consumption easily. It can be integrated with other programs which allow for smooth integration with the functionality of MATLAB.** | |
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| EducationBachelor of Information Technology (B.Sc.) **Name Lovely Professional University, Jalandhar, Punjab** H.S.C March 2010]) – 73% **H.P Board , City Kangra, Himachal Pradesh** S.S.C, Sept 2013- 65% **H.P Board , City Kangra, Himachal Pradesh** | |
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| Skills | |
| * **Technical skills relevant to EV industry (e.g., battery technology, motor controls, power electronics, charging infrastructure).** * **MS Excel** * **English Proficiency (Spoken)** | * **software skills (e.g., MATLAB, Python, )** * **Project management or teamwork experience** * **Other relevant skills (e.g., communication, problem-solving, analytical thinking)** |