**Cover Letter**

Sarvasiddi Nagabhushanam

Nagsarvasiddi630@gmail.com

LinkedIn: https://www.linkedin.com/in/nagsarvasiddi

Dear Hiring Manager,

I am writing to express my strong interest in the position related to electric vehicle design and development at your esteemed organization. With hands-on experience in electric two-wheeler and bicycle development, a robust background in system integration, and proficiency in tools like MATLAB/Simulink and CAN communication, I am confident in my ability to contribute effectively to your engineering team.

In my most recent project, I led the design and fabrication of a high-speed electric two-wheeler, managing everything from structural design and battery integration to BMS configuration in line with AIS-156 standards. I developed a comprehensive electric powertrain model using MATLAB/Simulink, conducted CAN-based fault diagnostics, and ensured system compliance with ISO 26262 and ARAI testing norms through extensive cross-functional collaboration.

Additionally, I spearheaded the development of a commercial electric bicycle, conducting market research, leading product design, managing component sourcing, and validating performance—all culminating in a prototype that met regional non-registration requirements.

These experiences have honed my skills in electric vehicle system design, battery safety, embedded system integration, and project execution. My certifications in BMS design, MATLAB/Stateflow, and motor control systems further strengthen my technical foundation and commitment to continuous learning.

I am eager to bring my passion for sustainable mobility and proven track record of delivering results to your team. I welcome the opportunity to discuss how my background aligns with your goals and how I can contribute to your ongoing success in electric vehicle innovation.

Thank you for considering my application. I look forward to the possibility of an interview.

Warm regards,

Sarvasiddi Nagabhushanam  
Email: Nagsarvasiddi630@gmail.com  
Phone: 9392830247