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Dear Visitor,

Welcome to my professional profile!

I am a passionate Robotics Engineering Student with a strong focus on designing, developing, and implementing innovative technological solutions. My experience spans across leading high-impact projects and collaborating with multidisciplinary teams to solve complex engineering challenges.

As the leader of Team Wolfz, I am spearheading the development of a cutting-edge Hyperloop prototype for the Global Hyperloop Competition, where I oversee the integration of mechanical, propulsion, levitation, and embedded systems. Additionally, I am working on a sewage maintenance robot, utilizing ROS 2 to achieve seamless navigation and automation. These projects have honed my skills in system design, optimization, and innovation.

Beyond robotics, I am deeply involved in competitive engineering. As a core designer and driver for E-Baja, I focus on creating robust designs, enhancing vehicle performance, and tackling real-world challenges with precision and creativity. My work reflects a dedication to merging engineering excellence with sustainable and practical solutions.

My expertise includes:

- ROS 2, robotic operating systems, and embedded systems.
- System integration, propulsion design, and mechanical optimization.
- Leadership, teamwork, and strategic problem-solving.
- I am driven by a vision to harness technology for creating impactful, efficient, and sustainable solutions. If my journey resonates with you or you'd like to collaborate, feel free to reach out!

Thank you for visiting my profile.

Sincerely,  
**Sujeeth Juje Fernandes**