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Date: [Today's Date]

Hiring Manager
GE Vernova Electrification Software

Subject: Application for Software Engineer – Angular / Full-Stack Role

Dear Hiring Manager,

I am writing to apply for the Software Engineer role focused on designing, building, and maintaining applications at GE Vernova Electrification Software. With a B.Tech in Computer Science and practical experience building scalable, maintainable full-stack systems using **JavaScript, TypeScript, Node.js, and SQL**, I am eager to contribute to GE Vernova's mission of accelerating electrification and decarbonization.

At **algoleap**, I designed and implemented modular API workflows using **FastAPI and Python**, improving processing times by 70% while following **SDLC, Agile, and CI/CD practices**. As **founder of nahneed.**, I led the development of *blurt.*, a scalable chat-based news platform built with **Next.js and Node.js**, serving 50+ active users while maintaining code clarity, testing, and performance standards. These experiences have helped me develop clean, readable, and testable code while working on structured, scalable systems.

I am comfortable building **REST APIs, writing CRUD queries on SQL databases, and handling component-driven frontend development** with React, and I am currently enhancing my Angular expertise with a focus on **RxJS, NgRx, and performance optimization**. I have experience with **version control (Git), automated testing (unit and integration), and state management** in real-world applications.

GE Vernova's vision for building intelligent applications that contribute to a sustainable energy future deeply aligns with my motivation to build technology that makes a real-world impact. I am excited about the prospect of applying my technical skills, commitment to clean architecture, and problem-solving mindset to your team.

Thank you for considering my application. I look forward to the possibility of discussing how I can contribute to GE Vernova's initiatives.

Best regards,
Aradhye Swarup