

Kartikey Gupta

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13 June, 2025

GE Vernova

Dear Hiring Manager,

I am writing to express my interest in the Software Development role at GE Vernova. As a final-year Computer Science student at ABES Engineering College (graduating in 2025), I bring practical full-stack development skills and a strong foundation in systems programming and backend architecture.

Throughout my academic career, I have delivered full-stack applications such as Drive-Connect and QR-Navigated Parking System, utilizing technologies including Node.js, Express, MongoDB, and ReactJS. These projects integrated JWT authentication, RESTful APIs, and scalable architecture principles. I also implemented AI-based forecasting in Sale-Sage using AdaBoost and Decision Tree regression, showcasing my ability to build intelligent, data-driven platforms.

My experience includes developing APIs, working within MVC frameworks, and testing using Postman and JEST. I am proficient in C, C++, Python, and JavaScript—skills that align with GE Vernova's requirement for Windows platform development and complex executable implementation. My internships at Cognifyz and Code-Clause refined my frontend skills and strengthened my ability to work in Agile and Scrum environments.

My team secured **second place** in **INNOCODEATHON 2024** where I served as the **backend lead (Node.js Developer)**. These experiences honed my collaboration, debugging, and agile development skills—aligned with the engineering culture at GE Vernova.

Thank you for considering my application. I look forward to the opportunity to discuss how I can contribute to Hinge Health's goals during this internship.

Sincerely,

Kartikey Gupta