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Cover Letter

Date - December 26 2025,

Dear Hiring Manager,

I am writing to express my interest in the Software Engineer position at your organization. I am currently pursuing a B.Tech in Computer Science and Engineering with a specialization in Cloud Computing and Automation at VIT Bhopal, and I am eager to apply my technical knowledge and problem-solving skills in a professional software development environment.

Through my academic projects and hands-on experience, I have developed a strong foundation in software engineering principles, data handling, and API-driven architectures. I have worked on full-stack and application-centric projects such as **Project Synapse**, an AI-powered delivery platform where I contributed to backend logic, REST API integration, and performance-oriented frontend components. I am proficient in Java, Python, JavaScript, and have experience working with frameworks such as FastAPI and Flask.

In addition to development, I have experience working with secure systems, demonstrated through my project on **Securing File Storage using Hybrid Cryptography**, where RSA and DES were used to protect cloud-based data. These projects have strengthened my understanding of scalable software design, security considerations, and collaborative development.

I have also earned certifications including **AWS Cloud Practitioner – Foundation**, **AI Fundamentals by Accenture**, and **Generative AI by Oracle**, which have enhanced my understanding of cloud infrastructure, modern software workflows, and AI-enabled systems.

Beyond technical skills, I actively participate in hackathons and have taken on leadership responsibilities as the General Secretary of the Edu4U Club at VIT Bhopal, where I led teams and organized multiple technical events. These experiences have strengthened my communication, teamwork, and problem-solving abilities.

I would welcome the opportunity to contribute my skills and enthusiasm to your engineering team and grow as a software professional.

Yours sincerely,

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