

Dear Hiring Manager,

I am excited to apply for the Software Engineer position at your esteemed organisation. As a Full Stack Software Developer with 4+ years of experience, I specialize in building scalable, modular, and high-performing solutions across web and cloud-native applications. My technical expertise, coupled with a strong track record of delivering measurable results, aligns closely with your organisation's mission to create software that empowers every person and organization.

In my current role at CompuGroup Medical, Munich, I develop end-to-end customer-facing features using Angular (frontend) and NestJS (backend), PostgreSQL, covering UI components, business logic, REST APIs, and data-access layers. I own multiple modules spanning feature revivals, new feature development, system migrations, and optimization of legacy code. Notably, I improved large-scale export workflows by ~85%, replacing costly truncate + insert pipelines with optimized upsert-based differential sync for over 1M records, dramatically reducing network and I/O overhead. I also manage critical production databases, ensuring data accuracy, schema consistency, and high availability across interconnected services, while implementing unit, integration, and end-to-end tests using Angular Testing Library, Jest, and Cypress to guarantee release stability.

Previously, at Siemens Healthineers and Carl Zeiss AG, I delivered modular front-end components with Angular and reusable React components for cloud-native machine learning platforms, focusing on performance optimization, TDD, and CI/CD with Docker and Kubernetes. My work at CanGo Networks involved developing cross-platform mobile apps used by over 5000+ users, introducing features like quick scan-tag and Google Maps integration, which improved operational efficiency tenfold.

Beyond professional experience, I actively pursue personal projects that demonstrate my drive for innovative solutions:

- [VSChatGPT](#): Visual Studio Code extension integrating OpenAI ChatGPT, with 700+ downloads.
- [YouTube Ad Accelerator](#): Chrome extension with 3500+ downloads worldwide in three months.
- [CanvaShare](#): WebRTC-based video call application developed during COVID-19 for real-time collaboration.

I have also contributed to research, publishing papers such as "[Smart Surveillance System Using Convolutional Neural Network](#)" and "[Smart Shopping System for Billing Automation](#)", highlighting my ability to design complex systems leveraging advanced technologies.

I thrive in cross-functional teams, embrace a growth mindset, and consistently deliver solutions that balance technical excellence with real-world impact. I am eager to contribute to your organisation's innovative projects and leverage my expertise to deliver high-quality software solutions that support your vision of empowering users globally.

Thank you for considering my application. I would welcome the opportunity to discuss how my skills, experience, and drive align with your team's goals.

Sincerely,
Vatsalya Singhi