

# AKSHAT

## Software Engineer

---

**Akshat Singh, TN, IN**

+91 7080423288 [akshatsgh13@gmail.com](mailto:akshatsgh13@gmail.com)

---

Dear Hiring Manager,

As a Computer Science graduate (Class of 2024), I bring a strong foundation in Data Structures and Algorithms, Software Engineering, Low-Level and High-Level System Design (LLD & HLD). I am proficient in Python, C++, TypeScript, and SQL, and have a proven track record of building scalable, efficient, and high-performance solutions to solve complex technical problems.

My development experience spans both frontend and backend ecosystems. On the frontend, I have worked with JavaScript, React, Next.js, and React Native (for mobile), designing intuitive, modular, and performant user interfaces. On the backend, I have developed robust APIs using Node.js, Express, FastAPI, and Flask, integrating seamlessly with databases like MongoDB, MySQL, and PostgreSQL. I've deployed applications on platforms such as Vercel, AWS, and GCP, ensuring high availability, reliability, and scalability.

In the AI/ML domain, I specialize in building data-driven models using PyTorch, Scikit-Learn, NumPy, Pandas, and Matplotlib. I have experience developing EDA pipelines, fine-tuning deep learning models, and working with vector databases for efficient search and retrieval in AI systems.

Additionally, I have hands-on experience in DevOps, including containerization with Docker, orchestration using Kubernetes, and infrastructure automation with Terraform.

I am comfortable working in agile environments and enjoy collaborating within cross-functional teams to deliver impactful solutions.

Sincerely

**Akshat Singh**