

AKSHAT

Software Engineer

Akshat Singh, TN, IN

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Dear Hiring Manager,

As a Computer Science graduate (2024) with a strong foundation in Data Structures, Algorithms, and Software Engineering, I bring hands-on experience in both software development and AI-powered applications. With proficiency in Python, Go, C++, and TypeScript, I have successfully built scalable and efficient solutions, leveraging modern technologies to solve complex challenges.

My development experience spans across frontend and backend ecosystems. I have designed and implemented robust APIs using Node.js, Express, and FastAPI, while integrating with databases like MongoDB and PostgreSQL. Additionally, I have deployed and managed applications using AWS and Azure, ensuring scalability and reliability.

In the AI domain, I have built solutions using frameworks like PyTorch, TensorFlow, and LangChain. My understanding of Large Language Models (LLMs) and Natural Language Processing (NLP) has allowed me to create conversational AI systems and data-driven applications. Furthermore, I have worked with vector databases to optimize search and retrieval systems for efficient AI model performance.

My internship at Speak Your Mind Education LLP further enhanced my technical and collaborative skills. I contributed to the development of company dashboards using React, Redux, and Tailwind, while also creating API endpoints using Django. My experience working in a dynamic, fast-paced environment has strengthened my problem-solving and adaptability.

In addition to development, I have experience with containerization tools like Docker and Kubernetes, as well as infrastructure management using Terraform. I am also proficient in applying agile methodologies and collaborating with cross-functional teams to deliver impactful projects.

I look forward to the opportunity to discuss how I can add value to your organization.

Sincerely

Akshat Singh