Sample Recommendation Letter

Recommender's Contact Information

Full Name

Title (e.g., Technical Lead / Engineering Manager)

Organization

Email Address

Phone Number

Date

Dear Graduate Admissions Committee,

I am pleased to recommend Mr. Ekant Chandrakar for admission to the M.S. in Computer Science program at the Georgia Institute of Technology. I serve as a Technical Lead at Ford Motor Company, where I have directly supervised Ekant in backend and distributed systems development. In this capacity, I have worked closely with him on large-scale production systems and have had the opportunity to evaluate his technical depth, software engineering capability, and structured problem-solving approach.

Ekant has demonstrated strong computer science fundamentals through his work on distributed architectures, API systems, and scalable backend services. He architected a high-throughput Pub/Sub event-driven system for Vehicle Recall Targeting data.

He also designed and implemented a Backend-for-Frontend (BFF) orchestration service using Spring Boot, aggregating responses from multiple microservices. This involved concurrency-aware design, structured error handling, API abstraction, and latency optimization to ensure reliable data delivery to frontend systems.

Ekant played a key role in migrating legacy APIs to a modern APIGEE-based architecture, coordinating integration with over 30 downstream consumer applications while ensuring zero-downtime deployment. His work required deep understanding of API design principles, backward compatibility, secure architecture, and deployment strategy.

In addition, he has worked extensively on Google Cloud Platform (GCP), contributing to solutions built on Cloud Run, Cloud Functions, IAM, Google Cloud Storage, and BigQuery. He has also applied Infrastructure as Code practices using Terraform to manage cloud resources in a scalable and reproducible manner. His exposure to cloud-native architectures reflects strong understanding of distributed systems and modern DevOps principles.

He contributed to designing a cloud observability framework using Micrometer for instrumentation, Dynatrace SaaS for performance monitoring, and automated incident generation through Pub/Sub and Cloud Functions integrated with ServiceNow APIs. This reflects his ability to think at a system level about reliability, traceability, and operational resilience in distributed environments.

Across these initiatives, Ekant consistently applied data structures, algorithmic reasoning, modular design principles, and clean coding practices using Java (Spring Boot), JavaScript/TypeScript, C++,

and Python. He demonstrates strong ownership, analytical thinking, and the ability to decompose complex technical systems into well-structured components.

Based on my experience supervising Ekant, I am confident in his readiness for rigorous graduate study in Computer Science. His ability to reason about scalability, architectural trade-offs, and system performance reflects a solid foundation in core computer science principles. I believe he will thrive in advanced coursework in algorithms, systems, and machine learning.

I strongly recommend him for admission to Georgia Tech's M.S. in Computer Science program without reservation.

Please feel free to contact me if any additional information would be helpful.

Sincerely,