

Respected Manager,

I am writing to express my keen interest in the **Senior Software Engineer – Full-stack Developer (R-245967)** position on the Mastercard Services Platforms team in Pune. With 3 + years of delivering production-grade solutions that blend robust software engineering with data-driven insight—and hands-on depth in **C#, Python, SQL / NoSQL, React, micro-services, and Azure**—I am excited by the opportunity to help Mastercard “connect everyone to endless, priceless possibilities.”

Why I fit the role — at a glance

Your Need	My Proven Match
Design & build service-oriented, cloud-native architectures (AWS/Azure).	Orchestrated 12 FastAPI micro-services (NSQ, Redis, MongoDB, MySQL, Kong) running at 99.95 % uptime & ≈2 k RPS , deployed on Azure with automated CI/CD pipelines.
Full-stack ownership (C#, Python, React, SQL/NoSQL).	Shipped HIPAA-compliant LLM + OCR platform (Python/FastAPI + React) and refactored .NET + SQL stack— P99 latency < 300 ms, queries 45 % faster .
Advanced analytics & large-scale data processing.	Built demand-forecast engine (ARIMA/HOLT-TSB) for Indian Navy uniform logistics— MAPE 7 % vs. 18 % .
Leadership & mentoring within Agile teams.	Senior engineer leading cross-functional squads; introduced full MLOps pipeline, shrinking release cadence from weekly → daily and mentoring 5 junior developers.

Highlights aligned to Mastercard’s mission

- **Secure, scalable platforms.** Delivered a HIPAA-grade system processing **20 k medical notes/day**, integrating drift-monitoring and Graylog observability (MTTD < 5 min)—experience directly relevant to Mastercard’s high-reliability payment analytics.
- **Data-driven innovation.** Designed algorithms that operate “on-the-fly across hundreds of dimensions,” including a RoBERTa NLP model achieving **0.86 F1** on maritime intent classification.
- **Design-pattern rigor.** Apply SOLID, CQRS, Repository, and Domain-Driven Design to keep concerns cleanly separated and services independently deployable.

- **Global collaboration.** Comfortable pairing with distributed teams; routinely coordinate feature roll-outs between Mumbai (IST) and U.S.-based stakeholders to ensure 24 × 7 delivery.

What I will bring to the Services team

- **Architectural foresight** to shape the next-generation analytics platform, balancing performance, maintainability, and cost.
- **Hands-on code leadership**—I still push high-quality commits daily, write exhaustive unit + integration tests, and champion continuous delivery.
- **Mentorship mindset** to elevate colleagues through design reviews, pair-programming, and knowledge-sharing sessions.
- **Customer-centric focus** to translate complex data into actionable insight that unlocks revenue and inclusion for Mastercard's 200 + markets.

I would welcome the chance to discuss how my blend of full-stack expertise, data-engineering acumen, and servant leadership can accelerate Mastercard's Services roadmap. Thank you for considering my application. I look forward to the possibility of contributing to your Pune team and collaborating with peers across Arlington and Dublin.

Yours faithfully,

Divyesh Vishwakarma

+91 99201 92856 | divyesh1099@gmail.com | [linkedin.com/in/motidivya](https://www.linkedin.com/in/motidivya)