

# Rami-Lionel Kuttab

rlk\_23@outlook.com | +1917-994-5360 | rliokuttab.com | linkedin.com/in/rami-kuttab | github.com/rlk23 | medium/blog

## Software Engineer

- **Full-Stack Product Development from 0-1:** Designed and built scalable products for startups, boosting user engagement by 25% through advanced React interfaces and backend optimization.
- **AI-Driven Innovation:** Engineered an AI travel agent platform leveraging GPT and LangChain, simplifying trip planning with seamless and intuitive user experiences.
- **Cross-Functional Collaboration:** Partnered with stakeholders and teams to align technical solutions with business objectives, delivering impactful features that enhanced operational workflows.

## Core Skills

**Programming Languages:** Python, C++ ,Java, JavaScript, TypeScript, Rust, React, React Native  
**Software and Web Development:** OS (Linux), Distributed Systems, Scalable Software System Design, Backend Development, RESTful API Development, UI/UX Development, Real-Time Tracking, HTML, CSS, Node.js  
**Cloud and Databases:** Kubernetes, Docker, CI/CD, PostgreSQL, MySQL,MongoDB, Cassandra, Redis, AWS  
**AI and Machine Learning:** LangChain, GPT (LLM), Natural Language Processing (NLP), Machine Learning, AI Agents

## Experience

**Software Development Engineer**, Amazon – Seattle, WA 2025 – Present  
*Contributing to the financial integrity and scalability of Seller Financial Services systems within Amazon’s e-commerce ecosystem.*

- Maintained and enhanced backend microservices for invoicing, disbursements, and reconciliation used by millions of Amazon sellers globally.
- Developed monitoring tools and automated alerts that reduced financial system downtime by 30%.
- Collaborated with cross-functional teams to implement security and compliance updates across distributed financial services.


**Senior Full Stack Software Engineer**, Flow - Austin, TX 2024 – 2025  
*Driving full-stack engineering initiatives to elevate UI/UX and backend performance for high-impact SaaS solutions.*

- **Boosted user engagement:** Increased user satisfaction by 25% as measured by customer feedback by engineering React-based front-end interfaces and streamlining navigation.
- **Enhanced backend scalability:** Improved data retrieval speeds by 20% as measured by performance benchmarks by optimizing database queries, implementing Redis for caching, and deploying containerized applications using Kubernetes.
- **Optimized deployment pipelines:** Reduced deployment times by 30% through building CI/CD pipelines with GitHub Actions, ensuring consistent and high-availability updates across distributed systems.


**Software Engineer Intern**, BGC Partners - New York, NY 2022 – 2022  
*Optimized software tools and processes to enhance operational efficiency.*

- **Achieved a 25% increase in processing speed** by implementing advanced parallel programming techniques for financial data processing.
- **Automated version tracking and emails with Python**, saving 1 hour per team member per update cycle.
- **Conducted 50+ code reviews in 2 weeks**, resolving critical issues and improving code quality by 12%.

## Projects

**AI Travel Agent Platform**,  2024 – Present  
*Developed an AI-driven travel agent platform to simplify trip planning.*

- Leveraged GPT and LangChain to create a seamless process for retrieving flights, hotels, and itineraries.
- Designed a distributed backend system to manage multiple API integrations, ensuring data consistency and fault tolerance.

**Realtor Management SaaS**,  2024 – 2024  
*Streamlined real estate operations with a scalable SaaS solution, emphasizing full-stack ownership and deployment.*

- Designed and implemented RESTful APIs to enable seamless inter-service communication, reducing latency by 30%.
- Engineered a highly available architecture with database replication strategies to ensure zero downtime during deployment.

## Education

**MS in Computer Science**, Syracuse University  
**BS in Computer Science**, Syracuse University