

Rami-Lionel Kuttab

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Software Engineer

- **Impact-Driven Engineer:** Pioneered innovative projects, delivering transformative improvements in user experience, system efficiency, and development processes.
- **Engineered High-Impact Systems:** Designed and built innovative platforms that enhanced user satisfaction and streamlined complex workflows.
- **Collaborative Complex Development:** Successfully delivered advanced features by partnering with cross-functional teams and aligning technical solutions with business objectives.

Core Skills

Full Stack Development | Backend Development | Python | RESTful API Development | HTML5 | CSS/SASS | React | Django | Docker | Kubernetes | SQL | PostgreSQL | MongoDB | Server Administration | AWS | CI/CD | UI/UX Design | React Native | IOS Development | Scalable Software System Design | Performance Optimization

Experience

Senior Full Stack Software Engineer, Flow - Austin, TX 2024 – Present

Driving full-stack engineering initiatives to elevate UI/UX and backend performance, including the corporate website and the main SaaS software tool.

- **Boosted user engagement:** Engineered advanced React-based front-end interfaces and optimized navigation, achieving a 25% increase in user satisfaction.
- **Accelerated data processing:** Streamlined database queries and optimized Django APIs, enhancing data retrieval speeds by 20%.
- **Streamlined deployments:** Designed and implemented CI/CD pipelines with GitHub Actions and containerized applications using Kubernetes, reducing deployment time by 30% and improving system scalability.

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**, 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.

- Built an AI travel agent leveraging GPT and LangChain to process prompts and retrieve detailed flights, hotels, and itineraries.
- Designed a full-stack React-based interface, providing users with an intuitive and seamless travel planning experience.

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%.
- Improved system scalability and reliability with Kubernetes-based deployment and optimized CI/CD pipelines.

Ride-Sharing Mobile Application 2023 – 2024

Designed and developed a dynamic ride-sharing mobile app with a focus on iOS development and seamless user experience.

- Built a responsive and intuitive interface using React Native, enhancing user engagement and accessibility on iOS devices.
- Crafted UI/UX designs to provide real-time ride tracking, streamlined navigation, and an exceptional user journey.

Education

Syracuse University, MS in Computer Science 2022 – 2024

- **Coursework:** Algorithms, Data Science, NLP, Operating Systems, Computer Architecture, Parallel Programming in C++

Syracuse University, BS in Computer Science 2018 – 2022

- **Coursework:** Data Structures, Machine Learning, A.I., OOP in C++, Agile Development, Software Development