Adrien Lacquemant *Senior Software Engineer*

Brooklyn, NY 11222

alaq.io – github.com/alaq – linkedin.com/in/adrien-lacquemant/

adrien@alaq.io – +1 (646) 410-3409

Summary

Experienced senior software engineer with expertise in large-scale distributed systems. Known for innovative problem-solving and project management, I excel in developing scalable code and leading diverse teams, focusing on continuous improvement and crafting technically precise, user-centric applications. Excited to join a dynamic team, utilizing my experience in large system architecture to address challenging problems.

Core and Technical Competencies

Software Engineering — Project Management — Team Leadership — Continuous Improvement — Process Optimization — Documentation — Distributed Systems — Scalable Code Development — Cross-Functional Coordination — Quality Assurance

Experience

- **WhatsApp** New York, NY

  Senior Software Engineer - Backend - Group messaging and Communities — *April 2022 - July 2023*
  - Launched Communities feature, improving user engagement and adoption targets.
  - Contributed to key backend projects, including Group Join Request, enhancing user experience for WhatsApp's extensive 2.5 billion user base.
  - Championed a cross-functional effort to transition user identifiers from phone numbers to internal identifiers, significantly enhancing system resilience and user privacy.
  - Improved existing endpoint latencies by up to 40% in the context of Communities, markedly improving response times and system performance.
  - Developed and integrated GDPR-compliant reporting features, upholding WhatsApp's adherence to strict data protection regulations.
  - Served as an on-call support engineer for critical systems (group messaging backend), optimized the process, highlighted inefficiencies, effectively mitigated outages, and reduced impact on system performance.

- **Bloomberg L.P.** New York, NY

  Senior Software Engineer - Trading & Analytics — *May 2018 - March 2022*
  - Designed, built and released new features to Bloomberg's full stack trading platform framework, while maintaining system stability.
  - Led cross-functional team projects, consistently delivering them in alignment with established timeframes.
  - Drove the adoption of new technologies, focusing on modern frameworks and languages like TypeScript and React.
  - Led the improvement of development practices, emphasizing efficient state-management and code modularity.
  - Mentored others and encourage knowledge sharing in order to drive the growth of the team.

- **Fullstack Academy of Code** – *major coding bootcamp* New York, NY

  Teaching Fellow — *Dec 2017 - Apr 2018*
  - Led code reviews and acted as a project manager for 4 teams of junior software engineers.
  - Code paired, debugged/mentored technical concepts and best practices to 50 students on a daily basis.
  - Conducted technical interviews in JavaScript for prospective students 2 to 3 times a week.

- **Ara Global Group** – *medium sized electronics wholesaler* New York, NY

  Senior Software Engineer — *May 2016 - Apr 2018*
  - Spearheaded re-engineering project to improve/automate asset processing and cataloging, reducing processing time by 25%.
  - Developed an in-house SaaS for systematic asset and sales monitoring per device leading to 20% in increased revenue.
  - Wrote a data validation tool in JavaScript that ensured the accuracy of inventory and sales data feeds.

- **BISAM, Inc.** – *financial software vendor* New York, NY

  Product Support Analyst — *Jan 2015 - Apr 2016*
  - Troubleshot financial calculation issues raised by clients and Professional Services team.
  - Supported defect resolution by identifying and replicating bugs.
  - Tested patch releases and managed deliveries.

- **Tortus Capital Management** – *value oriented hedge fund* New York, NY

  Research and Trading Analyst — *Jul 2013 - Jul 2014*
  - Completed financial analysis for over 30 distressed companies and recommended long/short positions.
  - Traded and monitored the firm's securities on a daily basis.

Previous employers: UBS - Sales Trader *Paris, France*, Credit Suisse - Sales Trader *Paris, France*, France Télévisions Publicité - Business Analyst *Paris, France*

Projects

- **Kyozo** – *technical advisor*   https://kyozo.com
  An instant messaging based platform for communities to reach their audience.   *2023 to 2024*
- **Monjo** – *developer*
  A checkin app (like Foursquare) for locations, people and events for iOS in Swift.   *2024*
- **Calendar Tasks** – *developer*
  A time blocking and task management app for iOS in Swift.   *2024*
- **RoamSync** – *founder & developer*   https://roamsync.vercel.app
  A React and Node.js application that syncs data between Roam Research and Google Calendar.
- **Athens** – *open source contributor*   https://github.com/athensresearch/athens
  A knowledge graph for research and notetaking, written in Clojure(script).
- **Learning Clojure in public** – *author*   https://github.com/alaq/learning-clojure-in-public
  Learned Clojure in 5 weeks and wrote one blog post per day.   *July 2020*
- **Propel ML** – *open source contributor*   https://github.com/propelml/propel
  GPU-backed numpy-like infrastructure for scientific computing in JavaScript.
- **Device Extract, LLC.** – *founder & developer*
  An Electron app for cataloging mobile devices programmatically.   *June 2017 to April 2018*

Education

- **ESSEC Business School**   Singapore
  M.S. Financial Engineering   *2013*
- **Université Paris Dauphine**   Paris, France
  M.S. Finance & B.S. Management   *2011*

Professional Development

- **Fullstack Academy of Code**   New York, NY
  Software Engineering Immersive Program   *2017*