Jay Lohokare

CONTACT

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EDUCATION

**MS in Computer Science** *State University of New York Stony Brook*

* Researched and Implemented GIS features for Apache Spark while pursuing Masters Thesis with the Big Data Biomedical Lab.
* Published ‘Echo-Print’ at ACM MobiCom, getting over 60 citations and multiple media mentions.
* Designed and implemented an open-source cryptocurrency trading system which would later be used by Uptick (https://uptick.co/) to build their commercial platform (formerly daix.io)
* Designed and implemented an innovative insurance platform based on blockchain, which was adopted and commercialized by Belt lacer (https://www.beltlacer.com/) formerly Insurebits

**BTech in Computer Engineering** *College of Engineering Pune*

EXPERIENCE

**Senior Software Engineer** *Robinhood – San Francisco Jan 22’ – Current*

* Tech-lead for Robinhood Payment Gateway team, working on R&D to create highly scalable and reliable services, infrastructure & data systems for Robinhood payments platform.
* Technical DRI for all payments related integrations between Robinhood & partner banks / 3rd parties.
* Leading mission critical projects directly contributing to company wide metrics (E.g ~20% ARPU goals in 2022)

**Lead, Telemetry & Capacity Planning** *Google – San Francisco Aug 21’ – Jan 22’*

* Telemetry Lead for Google Cloud Platform infrastructure capacity planning.
* Worked with cross-functional teams in GCS to create systems & processes that ensure GCS disk infrastructure is optimal.

**Software Development Engineer 2** *Amazon Web Services - San Francisco Jan 21’ – Aug 21’*

* Worked with [AWS Organizations](https://aws.amazon.com/organizations/) Internal services onboarding team as a SWE2. (JAVA, AWS, Ruby)
* Researched and implemented the data platform for AWS Organizations/Identity (Directly interfaces every account on AWS)
* Ran infrastructure migrations critical to the platform’s functioning.

**Senior Software Engineer (Specialist Associate)** *McKinsey & Company - New York**Feb 19’ - Dec 20’*

* Designed and implemented Sparrow Platform – winning international awards from the United nations and publishing numerous research papers in top conferences.
* Published Sparrow Platform at IEEE ICTDN, getting honorable mention for the research.
* Worked in dynamic client facing teams - Played roles ranging from MLE, Full stack developer, devOps engineer, business analyst to Technical Product Manager, Tech/Solution-Architect, Agile coach.
* Lead team of 5 to create ML recommendations platform for optimizing the operations of world’s largest Zinc mine.

(Python, JAVA, SQL, JS; Frameworks - Spark, AirFlow, Pandas, Docker-Kubernetes, Pandas, ReactJS; Platforms - GCP, Azure; ML - TensorFlow, XGBoost)

* Lead a team of 6 to create a data-lake and risk prediction product for a large Oil and Gas pipeline company.

(Python, C#; pySpark, PowerBI, AWS)

**Summer Digital Analyst** *McKinsey & Company - New York**Summer 18’*

**Founder & CTO** *Skyline Labs (*[*skylinelabs.in*](https://www.skylinelabs.in/)*) - Pune**2015 – 2017*

* Formed and led a team of 15 to work with government bodies and startups for creating POCs and products like [ConnectX IoT platform](https://skylinelabs.github.io/ConnectX-IoT-platform/), [FindX Smart city platform](http://skylinelabs.in/FindX/), E-commerce solutions, Social media platforms, Smartphone applications, etc.
* Won numerous startup awards and lead the startup’s incubation to Facebook’s startup accelerator program.
* Published over 5 papers at top IEEE conferences, winning best research paper award at IEEE ICEI

ACHIEVEMENTS

* Lead development and deployment of products with a cumulative user count of over 15 million.
* Won 16 international hackathons across 3 continents.
* 8 Research publications ([jaylohokare.com/research](https://www.jaylohokare.com/research)) in Computer-Data science (ACM MOBICON, IEEE TENCON, IEEE TENSYMP).
* Lead teams (15-20 members) to deliver digital products in startups as well as Fortune 500 companies.
* DRI for mission critical projects; responsible for delivering projects with cumulative 100+ million USD in revenue/cost savings