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 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) - 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, FindX Smart city platform, 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) 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