Jay Lohokare

CONTACT

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EDUCATION

**MS in Computer Science** *State University of New York Stony Brook* *Aug 17’ - Dec 18’*

**BTech in Computer Engineering** *College of Engineering Pune* *June 13’ - May 17’*

EXPERIENCE

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

* Working with [AWS Organizations](https://aws.amazon.com/organizations/) Internal services onboarding team as a SWE2.  
  (JAVA, AWS, Ruby)

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

* Served over 10 Fortune 500 companies as a Senior technology-management consultant. Served clients from 3 continents, working in industries like Oil & Gas, Aerospace, Energy, Utilities, Mining.
* Lead implementation of Machine learning platforms, Real-time data processing engines, devOps-cloud transformations.
* 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)

**Founder** *Sparrow Platform (*[*sparrow-platform.com*](https://www.sparrow-platform.com/)*) - New York* *July 19’- Sep 20’*

* Envisioned and lead execution of the Linux foundation supported open-source ecosystem for medical and psychological wellbeing during natural disasters.
* Architected the product - Created the cloud-based medical AI system, edge/distributed mesh networks, web and smartphone apps (Python, Flask, AWS, IBM Cloud, PyTorch, Android, ESP8266/PSE32, ReactJS).
* Lead the team to win 2nd place at United Nations and IBM's Call for Code 2019 global initiative.

**Founding Data Scientist** *Daix (*[*daix.io*](http://www.daix.io/)*) - New York**Nov 17’ - Dec 18’*

* Lead data scientist at the startup, responsible for data strategy and data platform implementation.
* Implemented the data architecture for real time sentiment analytics and capture of news, social media posts using Apache Spark, Apache Nutch, Tensorflow, Cassandra.
* Built deep learning models to predict change in crypto currency price based on social media and news data.
* Built scalable web-sockets server using Go & Redis for consuming data from Crypto-Exchanges and making it available to front-end application at milli-seconds level latency.

**Technology Architect** *Insurebits - New York**Nov 17’ - Dec 18’*

* Technology lead at the startup, responsible for overall platform design and development.
* Developed the Ethereum based P2P insurance platform, leading a technology team of 10.
* Designed and built an MVP – Android application (Interactive Chatbot), NodeJS backend (REST API, Ethereum integration), Data architecture & Analytics platform.

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

* Formed and lead 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, Smart phone applications, etc.
* Won numerous startup awards and lead the startup’s incubation to Facebook’s startup accelerator program.

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

**Research Intern** *NTT DATA – Tokyo**Summer 16’*

ACHIEVEMENTS

* Lead development and deployment of products with a cumulative user count of over 5 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).