Samir Satam

ssatam@gmail.com ❖ (978) 930-1109 ❖ 19 Woodlea Rd, North Andover, MA 01845

SKILLS

Tech Stack: Java, Python, Spring, Spring Boot, RabbitMQ, Python, GoLang, GRPC, Webservices, Microservices, AWS, Kubernetes, Docker, React, Kafka, Linux,
Databases: Postgres, MySQL, MS SQL Server, AgensGraph, MongoDB.
Data Analysis: Python, R
Certification: CompTIA Sec+
Security clearance information provided upon request.

WORK EXPERIENCE

Raft LLC / Kessel Run   **June 2023 – Present**
Principal Engineer / Manager   *Remote / Hanscom Airforce Base*

- As a **Principal engineer** I worked on two separate products for KesselRun.
  - Rebel Alliance – The middleware that powered the event streaming architecture of KR
    - I worked on stability and performance issues that were causing headaches and crashes in production.
    - This involved optimizing code, writing a recovery mechanism for RabbitMQ queues, and optimizing SQL queries and indexes.
    - I also worked on achieving efforts as the Event store grew too large.
  - Skyhook – An integration application that connected legacy TBMCS application to other applications within KesselRun.
    - Implemented a new Activity tracker to track user events in the system.
    - Fixed various defects and worked on making Skyhook more stable in production.
- As a **Manager** at Raft, I am also responsible for managing Senior engineers, collaborating and collecting peer reviews, and guiding them in their career paths.

Noetic Cyber   **Feb 2022 – June 2023**
Principal Engineer   *Remote / Boston, MA*

- Lead the transition from troublesome JanusGraph backend server to AgensGraph.
  - Writing a GRPC 'Graph server' that connected AgensGraph to Backend services.
  - Implementing portions of OpenCypher unsupported by AgensGraph as Postgres stored procedures.

Omni Federal / Kessel Run   **June 2020 – Feb 2022**
Senior Software Engineer   *Remote / Hanscom Airforce Base*

  - Carbonite – Mission Planning tool for mission planners to US bases all over the world. This allowed the Air Force to plan missions by showing threats and assets on an interactive map.
  - Triton – Air Tasking Order (ATO) creation tool used for mission planning. Triton consumed events from various Air-Force systems and presented an up-to-date ATO to the Airmen.

SplitLimit Studios   **Apr 2018 – May 2020**
Principal Software Engineer   *Remote / Waltham, MA*

- Leading provider of Pay-As-You-Go insurance software.
  - Secure webservices integrating with BaseCommerce and OneInc digital payment systems.
  - Developed custom integration solutions for NJM Insurance group and Republic Indemnity.
  - Developed new tools for production support and Data analysis reports for business decisions.

Copyright Clearance Center   **Apr 2001 – Mar 2018**
Principal Software Engineer   *Danvers, MA*

- Founding engineer working on CCC's Rightslink product suite.
- Contributed directly to Rightslink meteoric growth from 4k$ to 35m$.
- Lead Engineer implementing Rightslink on major publishers like Spring, Dow Jones, Sage, Wolters Kluwers, BMJ and Wiley to name a few.
- Also responsible for "Republication Licensing" a product that grew over 50% every year.

Yantra Inc.   **Apr 2000 – Apr 2001**
Software Engineer   *Acton, MA*

- Worked with client Interare, Brazil for development of a Web front for ThinkChain, a B2B website for buyers and Vendors in Brazil.

Teltronics Inc.   **Aug 1999 – Apr 2000**
Software Engineer   *Sarasota, FL*

- Designing and developing a Site-Event-Buffer (SEB), a log collection device for PBX's for easier troubleshooting.

Quark Inc.   **Apr 1998 – Aug 1999**
Software Engineer   *Denver, CO*

- Extensions development for Quark Express, Quark DMS and QPS systems.

Conon Inc. / Newgen Software   **May 1996 – Apr 1998**
Software Engineer   *Denver, CO*

- Various projects involving digitization of documents.

EDUCATION

Quantic Business School   **2017**
Executive Masters of Business Management   *Online*

Mumbai University   **1996**
Bachelor Of Engineering Computer Science   *Mumbai, India*