

# Jubin Soni

Senior Software Engineer with 8+ years of experience in developing scalable web apps using a variety of tech stack.

 [linkedin.com/in/jubinsoni](https://www.linkedin.com/in/jubinsoni)  [jubinsoni27@gmail.com](mailto:jubinsoni27@gmail.com)  917-946-7886  [github.com/jubins](https://github.com/jubins)

## TECHNICAL SKILLS

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- **Programming Languages:** Python, Java, Kotlin, JavaScript, HTML, CSS.
- **Frameworks:** Django, Node.js, React, Flask, Kafka, Celery, Bootstrap.
- **Databases:** PostgreSQL, Redis, Snowflake, ElasticSearch, MongoDB.
- **Technologies:** Docker, Git, GraphQL, Datadog, AWS (EC2, Lambda, S3, RDS, CloudWatch), CircleCI, AirFlow.

## WORK EXPERIENCE

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**Nextdoor | Senior Software Engineer | San Francisco, CA** **Feb 2021 - Present**

- **Nextdoor Ads Center:** Key contributor to the self-serve Ads platform enabling businesses to create ads. Developed new GraphQL endpoints, Kafka events, and React frontend for key features like Ads subscriptions, SSO SAML assertion for microservices, and sending metrics to external platforms like Google Analytics, Facebook CAPI, and Pixel. *(Tech: Kotlin, Java, GraphQL, Kafka, Postgres, React, Datadog, Segment, Iterable)*
- **Neighborhood Invitation Platform:** Built a high-scale platform for sending postcard invitations and reloading balance for ~10M users per day. Implemented write-back caching policy, utilized Celery for asynchronous job processing, and employed PagerDuty, Datadog, and Sentry for alerting, logging, and monitoring task workers. *(Tech: Python, Django, AWS, Celery, PagerDuty, Datadog, Sentry, SendGrid)*
- **Internal-Support Tool:** Designed new API endpoints and React components for internal agents, integrating with Salesforce CRM and Workato jobs for third-party agents. Impacting > 80% of support tickets. *(Tech: Python, Go, React, ElasticSearch, Redis, AWS, Salesforce API)*

**Chartmetric | Software Engineer | San Francisco, CA** **Jul 2020 - Jan 2021**

- **Internal and Public API Development:** Developed a highly available music analytics RESTful service used by the internal web app and external customers, processing 10K calls/day. Achieved high availability by caching data in Redis and Elasticsearch, backed by PostgreSQL database. *(Tech: Node.js, Express, Postgres, Redis)*
- **Performance Optimizations:** Optimized performance of several pages by identifying and refactoring 30 slow API endpoints, by rewriting the logic, rewriting slow PostgreSQL queries, precomputing materialized views, migrating high-volume queries to Snowflake, and implementing Redis caching. *(Tech: Node.js, AWS RDS, Snowflake, Redis, ElasticSearch)*
- **Third-Party Signups:** Integrated third-party signups with Facebook, Apple, and Google Single Sign-on.
- **Log Monitoring and Alerting System:** Designed a log monitoring and alerting system, enabling services to post logs into AWS CloudWatch and Datadog, resulting in reduced incident reaction time from hours to seconds. *(Tech: Slack API, Apache Airflow, AWS CloudWatch, Datadog, Python, Flask, Swagger, Docker-Compose).*

**Converseon.AI | Software Engineer | New York, NY** **Jul 2017 - Jul 2020**

- **Model Evaluation Platform:** Led full-stack development of a model evaluation platform, contributing to a 3% increase in retention and generating ~\$1-2M in incremental revenue/year. *(Tech: Python, Django, Docker, AWS)*
- **Active Learning Tool:** Built an in-house data annotation tool to automate labeling of 10K records and train ML model using a small dataset by creating an *Active Learning* tool, saving 4-5 hours of analysts' time/week.
- **Computer Vision Platform:** Designed and implemented a complex image recognition platform processing 100K images per day, allowing users to choose multiple image models and create personalized workflows within the app. Helped cater to the needs of the top 20% of premium app customers. *(Tech: Fast-API, Celery, AWS, CNN)*

**S&P Global | Software Test Engineer | Ahmedabad, India** *(Tech: Cucumber, Gherkin, MSSQL)* **Feb 2015 - Jan 2016**

- Created automation test cases for all the product's new features and maintained existing test suites.
- Wrote complex SQL queries across multiple tables and API profiling from the network for information validation.

**eClinicalWorks | Software Test Engineer | Ahmedabad, India** *(Tech: Java, Selenium, MySQL)* **Dec 2011 - Oct 2014**

- Wrote automated and manual Smoke, Sanity, Regression, and Stress testing on various features of the app.

## EDUCATION

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Machine Learning Certificate, *Stanford University, Online*

**Dec 2016 - Jan 2017**

Master of Science in Computer Science, *New York University, NYC, USA*

**Jan 2016 - May 2017**

Bachelor of Technology in Electronics Engineering, *NMIMS University, Mumbai, India*

**Sep 2007 - Jul 2011**