

# Jay Gokhale

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## Experience


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 **mogara** | Co-Founder / CTO (Python, AWS (Lambda, ECS, ECR, SageMaker), Docker, Terraform, React, HTML, CSS) November 2022 - November 2023

Founded YC-backed B2B accounting startup

Built entire stack from ground up (frontend, backend, AI classifier, infrastructure)

Created system ingesting data from Github, Jira, Asana, Box to automate R&D software cost capitalization

 **stripe** | Senior Backend / API Engineer (Ruby, Python, Elasticsearch, AWS, React, Javascript, HTML, CSS) March 2018 - October 2022


Introduced Stripe Organizations (relied upon by large Stripe customers and many internal teams)

Built and launched Organization search in the Stripe dashboard (beta)

Reduced re-onboarding friction by 95% by enabling reuse of previously entered information (affected 10% of all onboards)

Increased reliability of Stripe's most critical payment flows (10kqps) by introducing eventually consistent reads of stable information

Mentored multiple interns and new engineers

 **Index** | Member of Technical Staff (Java, Python, S3, Redshift, Lambda, EMR, Spark, AWS, Javascript, HTML, CSS) July 2015 - March 2018


Scaled Index's email service to handle sending 45K emails per minute

Launched a data portal enabling arbitrary queries of a customer's payment data

Created a multi-thread scheduler for periodic and one-off large batch jobs handling 100s of jobs

Worked on client facing marketing tools including a new A/B testing framework and an improved recommendation engine

Built features around Twilio / Facebook / Mailgun API's

 **Numenta** | Algorithms Intern and Benchmark Consultant (Python, Javascript, HTML, CSS) Jun 2014 - Dec 2014

Contributed extensively to implementation of a streaming anomaly detection benchmark ([link](#))

## Skills

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### Languages

Java, Python, Ruby, Typescript, Rust, C, C++, Go, HTML, CSS,

### Technologies

MongoDB, PostgreSQL, MySQL, Presto, Spark, AWS (Redshift, S3, EMR, Lambda, ECS, EC2, ECR, K8s), React, Redux,

## Education

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UC Davis

Jun 2015

MS Computer Science (Machine Learning)

MS Mechanical Engineering (Dynamics and Robotics)

UC San Diego

September 2012

BS Aerospace Engineering/ Mathematics minor