

Jay Gokhale

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Experience

 **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 (1000+qps) 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

Languages Java, Python, Ruby, Typescript, Rust, C, C++, Go,

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

Education

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