Matt Bague

⊕ mattbague.com ⓘⓝ linkedin.com/in/matthewbague
✉ mattbague@gmail.com ⌥ github.com/mattbague

EDUCATION

California Polytechnic State University: San Luis Obispo
College of Engineering
BS in Computer Science
Class of 2014

SKILLS

Languages:
Scala, JavaScript, TypeScript, SQL

Frameworks/Libraries:
Spark, React, Kafka, ReactiveX, Avro, AWS Services (Kinesis, S3, etc.)

Databases:
Postgres, MemSQL, Scylla/Cassandra, DynamoDB

Dev Tools:
Git, IntelliJ, Vim

Build Tools:
Docker, Jenkins, Maven, Webpack

Environments
Linux, macOS

ABOUT ME

I've been a full-stack engineer since I graduated college back in 2014. Love being able to design and develop a system from the ground up. Always up for learning something new, whether it's new tech or design patterns.

EXPERIENCE

Storygize (Native Advertising)   Apr 2016 – present
Principal Software Engineer   Newbury Park, CA

- A native advertising demand-side platform startup. Worked with advertisers to serve ads that blend in with the look and feel of publisher sites and track performance.
- Worked in all areas of the codebase: web app UI, realtime-bidding for ad inventory, tracking servers, reporting/campaign management API, realtime/historical data processing, and build/deployment tooling.

CJ Affiliate (Affiliate Marketing)   Jun 2014 – Apr 2016
Fullstack Software Engineer   Westlake Village, CA

- Data warehouse: Migrated existing lambda architecture from Flink and Hadoop to Kafka and Spark respectively. Decreased historical job run times by 50% and our realtime data throughput significantly.
- DevOps: Developed a new automated deployment system which relied on ansible playbooks and ran via a Scala app. Reduced deployment from 1-2 hours (after work) to 15 minutes (during work). No longer required anyone with special knowledge to be able to deploy our apps. Ease of use allowed us to deploy multiple times a week instead of just once.

PROJECTS

CloudBurst
github.com/mattbague/CloudBurst
A downloader tool for soundcloud.com built in Scala. Downloads songs with ID3 tag filled in and album artwork. Reverse engineered their public API since they do not give out personal API keys anymore.

AssetRemix (Unmaintained)
assetremix.herokuapp.com
A web app focused on providing financial tools and investing guidance. Tools include calculators for tax-efficient investing, three-fund portfolio allocations, and more.