

# Josh Holbrook

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## Employment History

Procure Technologies, Embedded Site Reliability Engineering      August 2022 – January 2024  
Staff Software Engineer      Remote

- Led embedded engagements to accomplish infrastructure milestones
- Became a subject matter expert and evangelist for SLOs, educating my team and driving SLO adoption
- Collaborated and drove consensus among technical leaders
- Acted as a “force multiplier”, increasing team velocity by mentoring and unblocking other engineers on my team
- Proposed the creation of a data analysis framework for operational insights, which evolved into a major multi-quarter initiative to ETL data into DataBricks using TypeScript

Eaze, Core Services      October 2021 – August 2022  
Staff Engineer      Remote

- Added OpenTelemetry support to the bolzmann framework, preparing Boltzmann service for migration from Honeycomb beelines
- Developed a migration toolchain and pipeline for SQL Server, improving safety and speed of .NET development

DoubleVerify, Social Integrations      July 2020 – October 2021  
Staff Data Engineer      New York, NY

- Led project to develop a hybrid streaming/batch pipeline, shipping an MVP in only 7 weeks and scaling to tens of millions of content items
- Developed an internal data engineering framework with a focus on first-class PyCharm support, confidence in correct code and rapid development
- Mentored and trained other engineers on the team through pair programming, documentation and videos

Squarespace Inc, Finance Products      July 2019 – January 2020  
Senior Software Engineer      New York, NY

- Supported and maintained financial data pipelines used for ASC606 revenue recognition, cash and tax reporting and financial planning for a multi billion dollar web site host
- Spearheaded proposals to onboard billing and payments data onto a data vault reference architecture to improve velocity and decrease bugs, and to rearchitect reporting to mirror industry standard BI tools
- Designed and instituted an on-call process to ensure support work was evenly spread

Gizmodo Media Group, Data Engineering      September 2016 – May 2019  
Senior Developer      New York, NY

- Acted as the technical lead to deliver Amazon affiliate program commerce analytics involving three teams and multiple contractors, providing experiment data to optimize conversions on a front page redesign
- Owned internal analytics and recommendation systems that served over 100 million users a month; overhauled legacy systems and implemented monitoring, vastly decreasing total outages and virtually eliminating undetected outages

- Architected an A/B testing API so experiments could be configured with a web interface instead of disparate scripts
- Mentored junior employees on the team

Condé Nast, Copilot API

February 2014 – August 2016

Software Developer

New York, NY

- Wrote HATEOAS-inspired graph-capable content relationships API that supported data modeling needs of over a dozen brands using Condé Nast's greenfield internal content management system
- Developed and supported custom components for Vogue Runway's real time fashion show coverage, launching during New York Fashion Week 2015, including a custom content import interface and a data migration that re-platformed over a decade of content

i.TV LLC

August 2013 – November 2013

Software Engineer

Provo, UT

- Developed new features and debugged memory leaks in internal content management tools with CoffeeScript and AngularJS to enable real-time creation and curation of live content created over the course of a full TV episode

Nodejitsu Inc

July 2011 – December 2012

Head of Support

San Francisco, CA

- Managed and trained other support engineers
- Monitored support channels such as IRC, email and Twitter for support requests
- Triageed and investigated live production issues with Nodejitsu software, servers and cloud providers
- Maintained, fixed bugs and made releases of modules in the Flatiron framework and Nodejitsu's open source software
- Developed and maintained internal support infrastructure and tooling

## Education

Master of Science, Mechanical Engineering

August 2005 – May 2011

University of Alaska Fairbanks

GPA: 3.62

## Skills

**Languages:** Bash, JavaScript, TypeScript, PowerShell, Python, Scala, Rust, Go

**Operating Systems:** Ubuntu Linux, Fedora Linux, Raspberry Pi OS, MacOS, Windows

**Cloud Platforms:** AWS, GCP, Azure, DigitalOcean

**Databases:** PostgreSQL, MySQL, SQL Server, BigQuery, RedShift, Vertica, SQLite, CouchDB, MongoDB, Redis

**Web Engineering:** CSS, HTML, Django, Express, Flask, Node.js, Ruby on Rails, React, Electron

**Data Engineering & Data Science:** Airflow, Spark, Jupyter, LookML, Kafka, Pandas, Data Warehousing, Numerical Methods, Optimization

**DevOps:** Ansible, Terraform, DataDog, New Relic, OpenTelemetry, Prometheus, Docker, GitLab CI, CircleCI, GitHub Actions, Kubernetes, system, SLOs

**Document Languages:** LaTeX, Markdown, Org, ReStructuredText

**Leadership:** Consensus Building, Decision Making, Mentorship