**Josh Holbrook**

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**Employment History**

Procore 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
* Triaged 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