

Josh Holbrook

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Recent 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
- Led development on an ETL framework for operational insights in TypeScript, enabling SREs to easily collect data

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

- Added OpenTelemetry support to the boltzmann framework, preparing boltzmann services for migration from Honeycomb beelines

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

- Led project to develop a greenfield 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

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

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 used 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

Condé Nast, Copilot API February 2014 - August 2016
Software Developer New York NY

- Worked on the team that launched Vogue Runway's real time fashion show coverage during New York Fashion Week, including leading a data migration that replatformed over a decade of content

Education

Master of Science, Mechanical Engineering September 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, DigitalOcean

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

Frontend Engineering: CSS, HTML, Django, Express, React, Electron

Backend Engineering: NGINX, Flask, Node.js, Redis, asyncio, Twisted

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

DevOps: Ansible, Terraform, DataDog, NewRelic, OpenTelemetry, Prometheus, Docker, GitLab CI, CircleCI, Kubernetes, systemd, Vagrant, SLOs

Leadership: Consensus Building, Decision-Making, Mentorship