Brandon Shore

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https://bshore.dev

Languages: Golang, Javascript/Typescript, Python, Rust
Databases: Postgres, Scylla/Cassandra, Redis, DynamoDB, AWS Aurora
Tools: React, Svelte, Docker, Kubernetes, Tilt, CI/CD, gRPC/Protobuf, AWS, Terraform

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Professional Experience

Prospect Five

Business Owner / Lead Engineer
My hobby business helping local small businesses establish a web presence
Oct-2023 - Present

- Communicates with clients about their business website needs
- Collaborates with clients during the design process
- Develops client websites / applications - Full-Stack
- Manages deployment infrastructure

Technology used: Golang, Rust, HTMX, TypeScript, React, Svelte, Docker, Postgres

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EnterpriseDB

Software Engineer - Database Migration Team
Oct-2022 - Oct-2023

- Developing a Change Data Capture (CDC) distributed system for migrating live Databases with zero downtime with Kafka
- Built an internal React Web UI for interacting with the distributed system's components and viewing Key Performance Indicator graphs
- Developing a test orchestration framework responsible for ensuring the distributed system can handle various migration scenarios

Technology used: Golang, Java, TypeScript, React, Docker, Postgres, Oracle, Kubernetes, Kafka, Grafana, Prometheus, Terraform, AWS, Tilt, GitHub Actions CI/CD

REPAY: Realtime Electronic Payments

Full-Stack Developer - Cloud Platform Team
Feb-2020 - Oct-2022
2020-2021 REPAY Influencer Award - leads by example to influence the team

- Developed Kubernetes microservices using Go gRPC/REST backends and React frontends deployed to AWS & Kubernetes
- Integrate with 3rd party vendor software such as SendGrid, RedHat SSO (Keycloak), Backstage (Spotify), and more
- Managed Internal and External Authentication Providers for a Single-Sign-On experience across REPAY's platforms
- Built Developer tooling for application bootstrapping, AWS authentication, Kubernetes context-switching, and more
- Participated in an on-call rotation to troubleshoot and fix service outages

Technology used: Golang, Java, Python, TypeScript, React, Docker, Postgres, DynamoDB, Redis, Kubernetes, Kafka, Grafana, Prometheus, Terraform, AWS, Tilt, Jenkins CI/CD

Protocol 46 Cyber Security
Full-Stack Developer
Sep-2016 - Jan-2020
- Developed both internal & external web applications for viewing confidential Client information
- Developed PDF report generators using LaTeX3 and Go's templating to fill in Client computer asset and vulnerability information and an overall Risk Score
- Developed asset discovery and vulnerability scanning software deployed as a fleet of IoT devices physically installed at Client locations

Technology used: Golang, Python/Django, React, Docker, Kubernetes, Postgres, Scylla/Cassandra, GitLab CI

Education

Dunwoody College of Technology
2017 - Acquired A.A.S. Degree in Web and Database Development
2016 - 2017 School Tutor for Programming & Networking
2016 -2017 Video Game Development Club
2015 - 2016 Open Source Programming Club
- Create web solutions using a variety of programming languages.
- Articulate development solutions to peers and supervisors.
- Use appropriate project management strategies for software development.
- Evaluate and implement data structures for applications and business.
- Apply secure programming techniques during development efforts.

Open Source Contributions

Tilt - https://tilt.dev/

Tilt is a localhost developer tool for developing microservices using Docker and Kubernetes.

https://github.com/tilt-dev/tilt/commits/master/?author=bshore
https://github.com/tilt-dev/go-get/pull/13

SkeletonUI - https://www.skeleton.dev/

SkeletonUI is a component framework for Svelte, utilizing TailwindCSS.

https://github.com/skeletonlabs/skeleton/pull/2285