

EXPERIENCE

- **Now&Me**
Software Engineer *Oct 2021 - Present*
 - : Worked on everything from building scalable NodeJS APIs, to managing Kubernetes Infrastructure.
 - : Worked cross-functionally with the product team to ideate product features and plan their implementation.
 - : Built a scalable real-time chat service with Elixir
 - : Worked on intra-service messaging with NATS
 - : Designed and built REST APIs
 - : Optimized MongoDB queries and aggregation pipelines
- **NavGurukul**
Volunteer *Feb 2021 - Present*
 - **COVID Army:** May 2021
Find critical COVID related resources in over 1200 Indian cities, during the height of the COVID wave in India
 - Built a realtime data aggregator to fetch COVID resource-related Tweets from Twiter
 - **YellowJobs:** July 2021
Aggregate and categorise job listings from Twitter
 - Leveraged our experience with the Twitter API from building covid army to build a aggregator service
 - Helped design the architecture and manage Deployment + CI/CD
 - Helped with troubleshooting/fixes
 - Helped ideate new product features
 - **PlayCub:** April 2022
A Platform to connect young students and teachers to teach programming and comp sci fundamentals [WIP]
 - Helped with curriculum + teaching plan
 - Helped creating exercises and assignments to go along with the lessons

PROJECTS

- **Scheme Interpreter in Haskell:** <https://github.com/SwarnimWalavalkar/haskell-scheme>
- **A simple key-value datastore in Rust:** <https://github.com/SwarnimWalavalkar/lilredis>
- **A SQL-Lite clone in pure C:** <https://github.com/SwarnimWalavalkar/cql-lite>

TECH SKILLS

- **Languages:** Javascript/TypeScript, Rust, Go, Haskell, Python, Elixir
- **Technologies:** Kubernetes, Docker, MongoDB, Redis, NATS, AWS, GCP

EDUCATION

Entirely Self-Taught. Skipped College to explore my curiosities and hone my craft as an Engineer.