

Sujish K. Patel (Jish) – Principal Full Stack Engineer – NYC

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SKILLS

NextJS | Remix | React | Tailwind | Emotion | React Hooks | Typescript | Node.js | Webpack | Rollup | Snowpack | Vite | Parcel | CUDA | Redux | CI/CD | Java | JavaScript | Python | C | Golang | LaTeX | Prolog | MUMPS | LISP | Scheme | Express | Angular | Bootstrap | Android | OAuth | Scikit | Terraform | OOP | Data Modeling | HIPAA | Agile | TDD | Mentor | Bash | CRUD | HTTP/S | NoSQL | SQL | MongoDB | PostgreSQL | MySQL | PubSub | Docker | Unit Tests | A/B Testing | Internet of Things (IOT) | Microservices | Git/Ops | SVN | AWS | GCP | Azure | Firebase | ML Concepts | Web Crawling | PM | Raspberry Pi | Firestore | RDBMS | Cloudflare Workers | MySQL | SSR | CSS-in-JS | Git | SVN | GitHub | GitLab | Bitbucket | DevOps | GitOps | Code Review | Passwordless

PROJECTS | OPEN SOURCE

Infrequent OSS Contributor ([reactfire](#))

Web Experiments <<https://jish.dev/>>

Automated Inventory Ordering for Square Point of Sale

SHORT ON TIME?

← click | TRY THE SITE | scan →



2022

2021 - 2023

2019

WORK EXPERIENCE

Full Stack Engineer → Principal Software Engineer | Ellipsis Health Inc. | SF, CA OCT 2021 - FEB 2023

- **Developed** a complete **end-to-end telemetry service** with Google Cloud PubSub, HTTP/2, and **client-side libraries** to ease developer integration.
- Unified **cloud-based logs into a singular dashboard** including but not limited too mobile app crashes.
- **Converted** old **JavaScript** codebases into modern **Typescript** codebases **reducing tech debt**.
- **Resolved cold boot issues** across our cloud functions stack through optimizations in the build pipeline, **yielding a 300% decrease in startup time**.
- Identified and **resolved various security** concerns **not found by** third party **pen testers**.
- Implemented incremental **git driven deployment pipeline** for incremental builds.
- **Coordinated with** the **Product Teams and ML Teams** to develop various apps. From showcasing **our technical capabilities** through a **Group Video Calling Applications** to **Data Collection Applications** for the ML team to build upon their models.
- Architected and developed our **full stack client facing Dashboard** using **Remix, Postgres** and deployed using **serverless architectures** on GCP.

Full Stack Developer | Elementus Inc. | New York City, NY APR 2020 - OCT 2020

- **Implemented analytics pipeline** from application code to data warehouse that can be used by developers, sales team, marketing team, and data engineers without a loss of flexibility for each division.
- **Setup complete authentication and authorization workflows** from user app sign-in to backend key management that ensured all modern security practices: **OAuth2, memorable passwords, etc.**
- Focused on implementing open-source solutions with optional hosted environments to support scale.
- **Setup CI/CD** through Google **Cloud Build and Cloud Run** for deployment all occurring through GitHub.
- Continuously implemented **performance enhancements** of all sizes: From turning **1300ms loops to 50ms**, to **implementing server-side GPU scaling** to help optimize report generation workflows.
- Researched and implemented various **graph theory techniques such as Eigen Centrality, PageRank** to help **enhance our applications visual representation** of the blockchain network as a graph.
- Worked on **front-end data visualization application with React**.

Software Engineer | Netsmart Technologies | Great River, NY JUN 2016 - JUN 2018

- Focused on **API backend layer** that facilitated the **processing of data to and from products**.

EDUCATION

B.A. Computer Science | Rutgers, The State University of New Jersey MAY 2012 - JAN 2016

LEADERSHIP

President | Beta Delta Chapter of the Zeta Beta Tau Fraternity JAN 2015 - DEC 2015