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

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SKILLS

NextJS | Remix | React | 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 | Postgres | 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 | Firebase | Firestore | RDBMS

PROJECTS | OPEN SOURCE

Infrequent Contributor to reactfire	**2022**
Web Experiments <jish.dev> ← Short on time? Visit the site	**2021**
Automated Inventory Ordering for Square Point of Sale	**2019**

WORK EXPERIENCE

Full Stack Dev → Principal Software Engineer - Ellipsis Health Inc. - San Francisco, CA   **2021 – 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 to showcase our technical capabilities. From Group Video Calling Applications to Data Collection Applications.
- Architected and developed our full stack client facing Dashboard using Remix, Postgres and deployed using serverless architectures on GCP.

Full Stack Developer - Elementus Inc. - NY, NY   **2020 - 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.
- Set up 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   **2016 – 2018**

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**