Sujish K. Patel (Jish) – Full Stack Developer – NYC

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SKILLS

React ~ React Hooks ~ Typescript ~ Node ~ Webpack ~ Rollup ~ Snowpack ~ Vite ~ Parcel ~ CUDA ~ Redux ~ CI/CD ~ Java ~ JavaScript ~ Python ~ C ~ Golang ~ LaTeX ~ Prolog ~ MUMPS ~ LISP ~ Scheme ~ Objectscript ~ Node.js ~ Express ~ Angular ~ JS Libraries ~ Bootstrap ~ Android ~ OAuth ~ Scikit ~ Terraform ~ OOP ~ Data Modeling ~ HIPPA ~ Agile ~ TDD ~ Mentor ~ Bash ~ CRUD ~ HTTP/S ~ NoSQL ~ SQL ~ MongoDB ~ Postgres ~ MySQL ~ Pub Sub ~ Docker ~ Unit Tests ~ A/B Testing ~ Internet of Things (IOT) ~ Microservices ~ Git ~ SVN ~ AWS ~ GCP ~ Azure ~ Firebase ~ ML Concepts ~ Web Crawling ~ PM ~ Raspberry Pi

PROJECTS

Web Experiments <jish.dev/> ← Short on time? Visit the site	2021
Automated Inventory Ordering for Square Point of Sale	2019
IOT Sensor Data Collector API	2018
Android Mobile App Chess - Team Project	2015

WORK EXPERIENCE

Full Stack Developer - Elementus Inc. - NY, NY   **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.
- Worked primarily with NoSQL databases, MongoDB Atlas on the backend side, and minor work with IndexedDB on the frontend side to help with a storing a few of the larger datasets.
- 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**
- Implemented data models for use across company's entire healthcare portfolio.
- Focused on SDK and API backend layer that facilitates the processing of data to and from products.
- Designed and implemented back-end functionality requirements for client funded developments.
- Engaged with clients directly to ensure timely deliverables (during all hours of the day).
- Deciphered cryptic third-party documentation when integrations between third party applications and company's products are requested by client or required for healthcare certifications.
- Created a complete Full Stack App: an interactive Entity Relationship Diagramming web app to empower clients to create their own reporting solution. Used AngularJS, Node, Express and goJS
- Created a recruitment app to capture and send out text messages to prospective on-campus recruits.

Head of IT and Marketing - Ellen Rosenbaum Real Estate, Inc. - Old Bridge, NJ   **2011 – 2016**

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**