

Divye Shah

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I'm a full-stack dev who thrives on challenges – whether it's cofounding my own startup or scaling apps with 2M+ users. I bring a bit of scrappy innovation to every project, from building telehealth platforms to designing a contextual recommendation engine.

Skills: Next.js, React, Redux, Remix, Jest, React Testing Library, Leaflet.js, Deck.gl, Mapbox Node.js, Express, NestJS, FastAPI, Langchain, Langgraph, Postgres, MongoDB, MySQL, Docker, Python, JavaScript, TypeScript, Mocha, Sinon, Chai, Progressive Web App, SQS, BLE.

WORK EXPERIENCE

Velotio Technologies, Remote
Senior Software Engineer

04/2022-Present

Currently building a **hiring-helper** for internal HR pipeline to rank resumes relatively against JD and provide contextual interview questions for each round using **Langchain**, **FastAPI**, **OpenAI**, **pymupdf** and **Langgraph**. Built frontend POC using **Next.js** and **v0.dev**.

Created a POC chatbot using Langchain, Langgraph, OpenAI, Next.js using tool calling to return interactive **UI components instead of text**.

Contributed to Sequelize ORM by enabling dialect support for a **distributed database**, improved test container performance via optimized **merge queue intervals** and job retention.

Led a team of four to engineer a **Next.js** app integration within **Salesforce lead form** and a Nest.js service enabling data sharing between the form and the Next.js app, reducing lead processing time by **49%** for a U.S. telehealth provider.

Spearheaded frontend optimization for a Next.js app with 120K monthly sessions. Migrated codebase to **Next 14**, implemented **Server components** in SEO-critical pages, increased web score 52->86 and mobile 32->70 and made a **GitHub action** to track scores with deployments.

Optimized Node.js/Express backend for US municipal governance app, reducing 504 errors and P99 latency by **30%**. Implemented **event loop monitoring** with async hooks, enhanced observability through distributed tracing, and optimized **job batching**.

Recrosoft Technologies, Remote
Software Engineer

05/2021-04/2022

Led development of a cab-hailing **PWA** using React.js, integrating **Mapbox**, **WebGL**, and **Deck.GL** for advanced geospatial features. Implemented **Hasura GraphQL** APIs, resulting in a responsive, offline-capable application with real-time tracking

Contributed to Next.js telehealth booking app with **NestJS microservices**, incorporating TypeScript and **PostgreSQL**, RESTful microservices, **SQS** for microservice communication and crafted secure user roles and flows with Auth0.

Point Of Interaction System, Ahmedabad
Cofounder

07/2017-01/2021

Led the development of a POS ecosystem using **NRF52840** SOC terminal, React.js app merchant terminal, React-native mobile app with **dynamic UI** by offloading bytecode to S3 to create a **Walk-out payment experience**. Raised a **pre-seed capital** of USD 70,000.

Led the development of a "**Just-Walk-Out**" payment system to facilitate **contactless ticketing** for public transport, **interactive zoning** at events and a **contextual** POS engine for restaurants which was showcased at **CES 2019** in Las Vegas.

Project 604(Freelancing), Remote
Contributor

10/2020-04/2021

Contributed to a sophisticated dashboard for an Automated Solar Panel cleaning robot system using ReactJS and **react-apexcharts**. Implemented real-time data visualization and reporting for multiple robots, integrating Firebase and MQTT protocol.

ACHIEVEMENTS

Blooming Startup Award: Awarded the Blooming startup of the year award with a monetary prize at the global Vibrant Gujarat Startup Summit.

NIDHI Prayas Awardee: Awarded the **NIDHI Prayas Grant** to develop an MVP for creating a contextual experience engine powered by BLE for contactless payments.

Smart city startup: Awarded the smart city Innovation award by the **Honorable Chief Minister of Gujarat** for developing a POC for contactless ticketing in a public transport.

GUSEC Innovative Startup: Awarded the GUSEC Innovative startup of the year with a monetary grant for developing an MVP for a smart POS powered by BLE 5.0.

Mentions: Recognized by the **honorable Prime Minister of India Shri Narendra Modi** in one of his speeches at **iCreate** and presented the product to the **Honorable President of India**.

EDUCATION

Minor in Entrepreneurship, 2018
Stanford X VentureStudio

Bachelor's in engineering. Information Technology, 2018
GCET(GTU)
8.8/10

Class XII, 2014
Tejas Vidyalaya
75%