

# Sahil Patel

Fullstack Software Engineer

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## EXPERIENCE

### Software Development Engineer - Fullstack

July 2022 – Present

DP World - leading provider of smart logistics solutions

Gurugram, Haryana

#### ARGUS

- Responsible for the development & maintenance of Internal **Smart Audit Portal** named *Argus*
- Implemented a **RAG** based **Azure OpenAI** chatbot that helps Auditors to find and reference previous Audit Reports. Used the new assistant API to generate graphs programmatically
- Migrated the project from a **VM** deployment to **Kubernetes** deployment
- Patched multiple bugs plaguing the project, increasing the **availability** of *Argus* to **99.99%** and **revamped** the frontend to adhere to the design system
- Migrated** the application from Node 12 to **Node 18** and finally to **Bun**, alongside removing multiple dormant libraries from the project, thus **reducing build sizes**
- Created **UI Designs** in *Figma* for all the new features while including feedback from the stakeholders
- Tech:** Nitro, Express, Typescript, Drizzle ORM, Postgresql, React, Tailwind, Shadcn-UI, Apache Echarts, Vite, Bun, Zod, Tanstack Query, Redux, Biomejs, Docker, Vitest, Figma

#### Control Tower

- Worked exclusively on the frontend of the application building **reusable components** in a team of 4 developers
- Implemented the data filtering functionality in frontend while ensuring **90% Test Coverage** criteria
- Tech:** React, NextJS, Typescript, MUI, Jest

### Technical Cofounder

Aug 2020 – June 2022

#### Mathrithms

Remote

- During the tenure, worked on **multiple real-world projects** in a wide variety of fields
- Dr Reddys Labs Data Pipeline:** Worked as the lead developer in developing a web application that **validates csv, excel files** against a predefined schema and pushes the clean data into *Mongodb* while making it available to be consumed using a **GraphQL API & Elastic Search**
- Income:** Developed parts of the dashboard and **integrated *smalllcase*** allowing users to connect their multiple brokerage accounts from different brokers to the portal
- Menuhub:** Using *Figma* **designed UI** of a QR menu system intended to be used in restaurants. Developed frontend of the web application using *Vue 3 & SCSS*
- Trade on Port:** Designed the **User Interface** using *Figma* for a sea trading & logistics company to create and track shipments. Worked on the frontend of the web application using *Vue 3*
- Subira:** **Led a team of 6 people** (including design team) to develop an online *PDF signing* application. Extensively used *Redux* and *Tailwind*

### Software Developer Intern

June 2020

#### Startoon Labs

Remote

- Worked on the **landing page** of the company. Integrated *Google Analytics & Facebook Pixel*
- Revamped** designs of several sections of the website using *Adobe XD*

## PROJECTS

### Cab Management | *React Native, Expo, Supabase*

April 2025 – Ongoing

- Designed and built two mobile apps (rider/driver) using *React Native*
- Used **Supabase** for auth and backend solution

### Graphic Tablet Configurable App for Linux | *Python, Tkinter, Bash*

March 2021 – April 2021

- Linux application** that can be used to customise the buttons on a *Huion Graphic Tablet* (since they don't provide *native linux drivers*)

## TECHNICAL SKILLS

**Languages:** TypeScript, C, Go, SQL  
**Web Tech:** React, Vue, Astro, Tailwind, Node, Bun, Nitro, Vite, NextJS, Nginx, Jest  
**Tools:** Git, Docker, Bash, Azure Devops  
**Designing:** Figma, DaVinciResolve

## EDUCATION

**B.Tech in Computer Science & Engineering**  
2018-22  
*Indian Institute of Technology, Jodhpur*  
CGPA: 7.76