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 2.0

- 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
- Designed **7 Admin Panels** for the new redesign of the portal in *Figma*
- **Rewrote** the backend and frontend with the new Tech Stack. Along with setting up cronjobs for data **pipelines**
- **Tech:** Nitro, 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
- Contributed to **candidate interviews** for Internships positions
- **Tech:** React, NextJS, Typescript, MUI, Jest

ARGUS

- Assumed the responsibility for the development & maintenance of Internal **Smart Audit Portal** named *Argus* since joining the organisation
- 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**, alongside removing multiple dormant libraries from the project, thus **reducing build size** of frontend
- Streamlined the **CI/CD** process in *Azure Devops* and introduced a **new dev deployment** for fast reiterations while development
- Created **UI Designs** in *Figma* for all the new features while including feedback from the stakeholders
- Got awarded the **Principle Award** at the Global Townhall Event 2023
- **Tech**: React, SCSS, NextJS, MUI, D3JS, Express, Jest, Docker, Postgresql, Figma, DaVinci Resolve

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**
- **Encome**: Developed parts of the dashboard and **integrated** *smalllcase* allowing users to connect their multiple brokerage accounts from different brokers to the portal
- **NPP Salesforce Backup Portal**: Created a web application used for custom backups of *Salesforce* using *Vue 3* data following a design provided in *Adobe XD*. Involved parsing csv files on frontend and showing a paginated table and a login system
- **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

Auradating | *React, Tailwind, Github Actions, Nginx, Go*   *Auust 2024*
- Designed a website for the upcoming dating app. Integrated **Google Sheets API** via Golang API to save interested users.
- Hosted the Go backed on a **VPS** and routed the traffic via Nginx
- Fun side project for friends

Portfolio Website | *Astro, Tailwind, Github Actions, Nginx, Go*   *March 2024 – April 2024*
- Portfolio Website for developers that can be customised via a single json file
- Developed an integrated a **Telegram Bot** that can send message to personal channel from the website

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