

Utsav Patel

Software Engineer

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A skilled Computer Engineer with a knack for perfection. I'm currently working at 1Pharmacy Network as a Full Stack Developer with experience in **React** and **Python**.

Experience

Full Stack Developer

[Aug 22 - Present] *1Pharmacy Network, Bangalore*

- Developed and Maintained an ERP system for Pharmacy retailers from scratch using React, optimizing load time by 50% and improved user experience across platforms.
- Contributed to the development of coding standards and best practices at a fast-paced startup focused on creating solutions for pharmacy retailers.
- Work closely with UI/UX designers to improve user experience and with backend engineers to integrate APIs to ensure smooth data flow between frontend and backend systems.
- As part of a small team, I also mentored junior engineers, provided feedback on their work, and helped them develop their skills.

Software Engineer

[Jan 20 - Aug 22] *Crest Data Systems, Ahmedabad*

- Collaborated with cross-functional teams to gather requirements, design, and implement software solutions that meet business needs.
- Utilized agile development methodologies, Scrum, to manage and prioritize tasks and ensure timely delivery of software features.
- Conducted code reviews and performed testing to ensure software quality and maintainability.
- Integrated third-party tools and components into applications.

Technical Skills

Languages	<i>Python, JS, C</i>	UI	<i>HTML, CSS, Bootstrap, SCSS, Material UI</i>
Backend	<i>Flask, FastAPI</i>	Automation	<i>Pytest, Selenium</i>
Frontend	<i>React, TypeScript</i>	Database	<i>MySQL</i>
Scripting	<i>Shell Script</i>	Version Tool	<i>Git</i>

Projects

1Pharmacy ROS | ReactJS, TypeScript, Material UI, AWS

1Pharmacy Network

- 1Pharmacy ROS is a ERP system for pharmacy retailer and one of the main product of 1Pharmacy B2B market. Using the web ERP, retailers can keep track of their bill(s), purchase(s), and real-time inventory with the multi store support.
- Our frontend uses **React, TypeScript, Material UI** with **CloudFront** and **S3** deployment, and our backend uses **Python Flask** and **AWS DynamoDB** with **Serverless** deployment.
- As a developer, I started working on the project from scratch, from setting up the initial project to setting up the deployment process. With our first release, I worked on around 20 pages in the span of 3 months.
- I majorly worked on the frontend side where I got the chance to enhance my skills with React, TypeScript and AWS.

SOAR App Frameworks | Python, Pytest, Jenkins, Gitlab CI/CD, AWS

Crest Data Systems

- In this project, Our goal was to create a framework from scratch which can spin up the Enterprise/Cloud Splunk and On-prem/SaaS SOAR Instance(s) for automated testing.

- As a developer, I had to work on designing and developing a framework which can run necessary Jenkins builds, create Docker or EC2 instances and install Splunk or Splunk SOAR as per user specification. I was also responsible for a module which manages the life cycle of the instance(s). Later on we also integrated it with Gitlab CI/CD as well.

Sophos Connectwise Integration | .NET, C#, WPF, MySQL

Crest Data Systems

- Sophos is a security vendor and Connectwise is a remote management platform.
- The project was integration of Sophos with the connectwise platform. The goal of the project was to create a remote management application, with that an admin can manage the entire firm's machine(s). The requirement was to use C# as a backend, WPF as a frontend and MYSQL as a database.
- I joined the project initially in the requirement gathering part, we created a technical design document(TDD) and later on I was assigned to the core module which deals with the remote installation of certain products in endpoint(s).
- I was awarded the **Crest Achievement Program(CAP)** award for the work I did in this project. Specifically, I worked on C# and MySQL databases as a backend engineer.

Sophos Splunk Integration | Python, Splunk

Crest Data Systems

- Sophos is a security vendor and Splunk is a machine data analytics tool.
- The project was integration of Sophos with splunk. The goal is to create an add-on that collects data from sophos and ingest the data into splunk and displays that data in a user-friendly dashboard with interactive charts.
- As a developer, I work on add-on parts that collect the data on interval and ingest into splunk.

Personal Projects

[Wordle Game](#) | React

[My Movie List](#) | Flask, Bootstrap

[Notion SDK](#) | Python

[COVID19 Tracker](#) | Flask, Chart.JS

[YouTube CLI](#) | Python

Education

B. Tech, Computer Engineering	7.94 CGPA	Nirma University, Gujarat	2016 - 2020
HSC	98.03%	Shree Vasishtha Vidhyalaya, Vav	2015 - 2016
SSC	99.89%	Shree Vasishtha Vidhyalaya, Vav	2013 - 2014