

Utsav Patel

Software Engineer

Phone (+91)8200245048
Email utsavpatel51@gmail.com
LinkedIn [utsav-patel-8a2456160](https://www.linkedin.com/in/utsav-patel-8a2456160)
GitHub [utsavpatel51 \(Utsav Patel\)](https://github.com/utsavpatel51)
StackOverflow [Utsav Patel](https://stackoverflow.com/users/10411440/utsav-patel)

A skilled Computer Engineer with a knack for perfection. I'm currently working at Crest Data Systems as a Software Engineer with experience in **Python**. Apart from corporate work I also have skills with JavaScript and have also developed projects using these technologies

Experience

Software Engineer

[Jan 2020 - Present] Crest Data Systems, Ahmedabad

- Working with the software development team and the testing team to develop robust, scalable solutions that meet the clients requirements.
- Reviewed project specifications and designed solutions that met or exceeded performance expectations of clients.
- Integrated third-party tools and components into applications.
- Developed clear specifications for project plans using customer requirements.

Technical Skills

Languages	<i>Python, JavaScript, C</i>	UI	<i>HTML, CSS, Bootstrap, SCSS</i>
Python Framework	<i>Flask, FastAPI</i>	Automation	<i>Pytest, Selenium</i>
Database	<i>MySQL</i>	CI/CD	<i>GitLab</i>
Scripting	<i>Shell Script</i>	Version Tool	<i>Git</i>

Projects

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

- In this project, we developed a backend framework that can bring the Enterprise/Cloud Splunk and On-prem/SaaS SOAR Instance(s) for automated test setup.
- We integrated the whole backend framework with Gitlab CI/CD pipeline that would run the necessary Jenkins build to create a docker or AWS EC2 machines and install Splunk or SOAR based on need. The Framework has support to create as many as instances on need.
- I was involved in designing, developing the whole framework. Managing the life cycle of instance was one of the major tasks I was involved with.

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

- Sophos is a security vendor and connectwise is a remote management platform.
- We used C# as a backend, WPF as a frontend and MYSQL as a Database. With the integration, A firm admin can manage the entire firm machine(s) remotely. The integration had a dashboard with high level overview charts, Install/Uninstall specific security products on endpoint, handle alerts on particular endpoint.
- My role as a developer was to take the functional team's requirements and thoroughly understand the design, and create an initial technical design document. I was assigned with remote install/uninstall products on the endpoint, which was one of the major functionality of the integrations.
- I was awarded the **Crest Achievement Program(CAP)** award for the work I did under this project. Specifically, I worked with C# and MySQL databases as a backend engineer.

Sophos Splunk Integration | Python, Splunk

- Sophos is a security vendor and Splunk is for searching, monitoring, and analyzing unstructured machine data.
- Requirement was to create an add-on and app of Sophos in splunk. The goal of the add-on is to ingest Sophos-xg-firewall data to splunk and the goal of the app is to display that data in a form of a user-friendly dashboard with interactive charts.
- As a developer I had to create an add-on which can collect the data from Sophos-xg-firewall and ingest to Splunk.

Personal Projects

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

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

[Notion SDK](#) | Python

[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