

Naman Chauhan

[GitHub](#) | [HackerRank](#) | [Hackster](#) | [LinkedIn](#) | [Portfolio](#) | chauhannaman98@gmail.com | [+91 96825 85516](tel:+919682585516)

Work Experience

System Engineer

June 2021 - present

Tata Consultancy Services Ltd.

- Automated multi-window SAP APO CCR tasks and **shortened the bot's runtime by 48 minutes** to satisfy business needs.
- Collaborated with the team to create an NLP-based solution to **auto-triage about 4320 tickets annually**. Used python for multi-threaded REST-API (bearer token authentication) solution. The solution is expected to lower the client's yearly operational costs associated with manual efforts.
- Spearheaded upgrade cycle of use cases within the customer's proposed timeline.
- Trained new team members** after achieving project goals.
- Meeting business demands by providing bug fixes, new updates, and support for **8 use cases in compliance with SLA**.

Projects

Ramcharitmanas API

[Link to Code Repo](#) — [Link to Demo](#)

Based on **FastAPI**, chapter and verses with translation, etc. are saved in a **Postgres DBMS using ORM**, and endpoints give a JSON response for chapter details, all verses or a particular verse of a chapter with proper authentication and authorization using JWT. It runs in docker container deployed to Vercel as a serverless microservice. This RestAPI follows **OpenAPI Standards 3.1** and generates Swagger UI documentation. Unit tests done using **PyTest**.

Munch Lane

[Link to Code Repo](#) — [Link to Demo](#)

Created on the **MERN stack**, this is an e-commerce store for ordering food items. Data saved in **MongoDB** is accessed by APIs via the **Redux API query and mutations**. Using the custom hooks, component-level states, and props, the payment integration has been done with **PayPal and RazorPay**. The frontend has been built using the Bootstrap framework. The web app offers user authentication using **JWT** and user-protected pages.

Hospital Appointment Application

[Link to Code Repo](#)

Based on **PyQT & SQLite**, I created a cross-platform desktop application running on Windows and Linux for hospital appointment booking. It has authentication features with a password reset option using **OTP** (via email) or security questions. The application had a separate admin panel along with an appointment booking panel with limited privileges.

Education

SRM Institute of Science and Technology, Chennai

Bachelor's of Technology in Computer Science & Engineering

2017 - 2021

Percentage: 83.4%

Technical Skills and Interests

Languages: Python, JS, C++

Developer Tools: HTML5, Git, GitHub, Linux, Restful APIs, Docker, CI/CD, CSS, Tailwind, NoSQL, MQTT

Frameworks: React, Flask, FastAPI, ExpressJS

Cloud/Databases: AWS, PostgreSQL, MongoDB, Firebase, MySQL, Oracle

Awards & Achievements

Awards and Recognition — TCS

- Received **Star of the Quarter** award for spearheading enhancements in existing use case of APO CCR activity bot for ASPAC region and reducing run time of solution benefitting customer.
- Received **Xcelerate Warrior** award for astutely identifying shortcomings in the business solution implementation.
- Received **Appreciation Award** in Feb 2023 for delivering a high-impact value addition that significantly benefited Customer in operational costs.

Competitive Programming — HackerRank

- Earned **5-stars in Python**, **4-stars in C++** and **Python Certification** on HackerRank