

- 4.5+ years of experience in constructive software and full-stack web development, with a strong focus on Python and backend development, gained through my professional roles in industry-leading companies.
- Experienced in diverse software targets such as desktop applications and web applications.
- Strongly promote clean code writing practices, documentation, test-driven development and agile methodology
- Demonstrated initiative-taking approach towards task delivery, problem-solving, designing, testing and debugging.

Skills

- Python, Django Rest Framework, Vue3, HTML, CSS, JavaScript, PostgreSQL, Redis, Restful APIs, Jira, Git, Unit testing, Software design, Full Stack Web Development., Nginx, Gunicorn, Github Actions, Docker.

Professional Experience

Accenture Solutions Private Ltd.

Applications Development Senior Analyst, Jan 2022 - Oct 2023

Project: AI-powered Supply Chain software suite for ThroughPut Inc.

Details: A web application for supply chain management that focuses on providing detailed pages for demand, inventory, customers, and more.

Tech: Python, Django Rest Framework, Nginx, Gunicorn, Redis, PostgreSQL, Vue 3, HTML, CSS, Django CMS, Linux servers, GitHub Actions, Docker, and more.

Contribution: Developed and maintained a supply chain management web application based on Django Rest Framework with a PostgreSQL backend and provided support for the Vue 3-based frontend.

- Set up development and staging Linux-based servers from scratch, configuring Nginx, Gunicorn, Docker, Redis, and GitHub workflows.
- Implemented a JWT-based authorization system along with TOTP for custom user management. Additionally, created a cookie-based Single Sign-On (SSO) solution for multiple applications running on the same domain with different custom permissions.
- Integrated the third-party service Tray.io for data integration.
- Developed multiple APIs and django admin pages as per the project requirement.

Tata Consultancy Services Ltd.

System Engineer, Jun 2019 - Jan 2022

Project - 1: Retail Strategic Initiatives

(Oct 2020 - Jan 2022)

Details: Django web application for R&D project at TCS focused on addressing real-world challenges by developing and selling AI and ML Proof of Concepts (POCs). Solutions included sentiment analysis, item property recognition, deep tagging, and more.

Tech: Python, Django Rest Framework, Python-Dash, Plotly, Pandas, RESTful API, HTML, CSS, Postman, GitLab

Contribution: Created and maintained a Django web application for hosting AI solutions.

- Collaborated on the Supplier Portal project in Django Rest Framework with Angular frontend developers.

Project - 2: Drug Research Management System for Roche Pharmaceuticals

(Jun 2019 - Sep 2020)

Details: Developed Plansource, a web application for managing the drug lifecycle at Roche Pharmaceuticals, covering financial planning, timeline management, R&D, portfolio, drug studies, and user access.

Tech: React, HTML, CSS, Python, PyCharm, PostgreSQL, GitHub, JIRA, Django Rest Framework

Contribution: Migrated Plansource web application to a modern Redux-based React framework.

- Collaborated in a sprint-based Agile web development environment using JIRA, while also creating Python backend development with Django APIs, managing AWS-hosted servers, and overseeing PostgreSQL databases.

Landis+Gyr

Intern, May 2018 - Jul 2018

Project: Python GUI based embedded system linker file generation

Detail: Python GUI Application for converting Excel and CSV files into comparable XML files, enhancing version control on GitHub.

Tech: Python, wxPython, XML, Pandas, Numpy

Contribution: Project consists of developing a Dynamic Python based GUI, creating an XML database and scripting in Python for linker file generation.

Awards and Recognitions

- 'Star Performer of the Month Award' : July-2021, TCS.
- 'Best Team Award' : March-2021 and Feb-2020, TCS.
- 'Innovation Spark Award' : Jul-2020, TCS.
- 'On The Spot Award' : Apr-2020 and Aug-2019, TCS.

Education

Master of Computer Applications from Amity University, Noida, India

2017 - 2019

Bachelor of Computer Application from Maharaja Ganga Singh University, Bikaner, India

2014 - 2017