

Guru Sevak Singh

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|Portfolio: <https://guru-sevak-singh.github.io/portfolio/>

Professional Summary

Self-taught and highly motivated software developer with hands-on experience in building full-stack web applications, automation tools, and SaaS products. Skilled in Django, Flask, Python, JavaScript, deployment, and PostgreSQL. Strong problem-solving abilities with proven experience in delivering custom software solutions for businesses.

Technical Skills

- Backend: Django, Flask, WebSockets, SSE
- Frontend: JavaScript, basic React
- Databases: PostgreSQL
- Automation: Selenium
- Deployment: DigitalOcean Droplets, Cache optimization
- Other: REST APIs, Payment Gateway Integration, WhatsApp Web API

Projects & Experience

- DOP Agent Software (SaaS)

Developed a Selenium-based automation software integrated with existing backoffice dashboards to manage expiry and usage data. Delivered a clean and user-friendly UI.

- Autopanverify Software

Created a Selenium automation software for PAN card verification via government TRACES portal. Built a complete portal to manage usage limits and software expiry.

- School Management Dashboard

Built a full-featured dashboard for managing student, teacher, fees, and attendance data. Though discontinued due to lack of adoption, demonstrated strong full-stack capability.

- Restaurant App

Developed a QR-based ordering system for dine-in and home delivery customers. Discontinued due to competition but showcased ability to design complete ordering workflows.

- Theatre App (Scan2Food)

Created a theatre food ordering app with seat-based ordering, WhatsApp Web API integration, multi-gateway payments, and split payment aggregator. Successfully deployed for theatres.

Additional Experience

- Deployed and hosted multiple apps on DigitalOcean droplets.
- Used WebSockets and Server-Sent Events (SSE) for real-time data without page reloads.
- Implemented cache optimization for performance improvements.
- Built multiple React-based projects for learning and experimentation.

Education

Completed 12th Standard (CBSE Board)

10th Standard (CBSE Board)

BCA (Ongoing, with backlogs)