

Dipanker Vashist

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Professional Summary

Freelance Software Developer and BCA student with 7+ years of programming experience in Python and full-stack development. Successfully delivered custom software solutions for real clients, including a data automation desktop application (Flask + PyWebview) and an ongoing web application project. Skilled in building GUI apps, web scrapers, and user-focused solutions. Passionate about solving real-world problems with code and open to freelance projects, internships, and collaborations.

Education

Chandigarh University, India – Bachelor of Computer Applications

York University, Toronto, Canada – Completed 2 years towards B.Sc. in Computer Science

Technical Skills

- **Languages:** Python, Java, C, HTML, CSS, JavaScript
- **Frameworks/Tools:** Tkinter, Pygame
- **Concepts:** Data Structures, Algorithms, OOP, GUI Design
- **Soft Skills:** Problem Solving, Adaptability, Communication, Teamwork

Experience

Freelance and Founder – Aivora Softwares

Jul 2025 – Present

- Delivered a custom desktop application using Flask + PyWebview for a client, integrating APIs & web crawling to automate data collection and organization.
- Reduced client's manual workload significantly by providing real-time, structured data.
- Currently developing a custom web application for another client, handling end-to-end design, development, and deployment.

Inventory Specialist — Loblaw Companies Limited, Toronto, Canada

Aug 2023 – Jun 2024

- Maintained inventory accuracy and supported merchandising operations.
- Demonstrated reliability in a fast-paced retail environment.

Customer Service Specialist — Private Retail, Brampton, Canada

Jul 2021 – Feb 2023

- Delivered high customer satisfaction and mentored new staff.
- Developed strong communication and teamwork skills, valuable for client-facing tech projects.

Projects

Client Data Automation Tool (2025)

- Built and sold a desktop application for a client using Flask + PyWebview.
- Integrated APIs and web crawling to automatically fetch and organize data, improving business efficiency.

Item Register Maintainer (2024)

- Designed a Tkinter-based GUI inventory tool for a small business.
- Reduced manual record-keeping by 90% with real-time item editing, pricing, and calculation features.

Mable Story (2024)

- Developed an interactive 2D platformer game using Pygame with custom physics, collision systems, and level editor.
- Enhanced engagement with music and sound integration.

Coursework

Data Structures · Algorithms · Software Development · Python Programming · Assembly Language

Open-Source Contributions

- **Register Maintainer:** <https://github.com/Oxerene/Register-Maintainer>
- **Mable Story:** <https://github.com/Oxerene/Mable-Story>