

# ARKADEEP PRAMANIK

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Bangalore, India

## Summary

Highly motivated Python Developer with 2 years of experience at FUDO TECHNOLOGIES PRIVATE LIMITED., skilled in backend development using Python, Django, and Flask. Experienced in building scalable applications, microservices, and real-time systems using WebSockets. Adept at problem-solving, debugging, and collaborating within cross-functional teams to deliver high-quality software solutions. Seeking opportunities to apply technical skills in software development, backend architecture, and system integration to contribute to the growth and success of a forward-thinking organization.

## Experience

FUDO TECHNOLOGIES PRIVATE LIMITED |

Aug2023-Present

- Developed and maintained backend applications using Python, Django, and Flask to deliver scalable, secure, and high-performance web solutions.
- Integrated AJAX for asynchronous data loading to enhance user experience and improve page load times.
- Implemented Stripe API for seamless payment gateway integration, managing transactions, subscriptions, and invoicing.
- Designed and implemented microservices architecture to improve system scalability, modularity, and performance.
- Integrated WebSocket to build real-time features, enabling live updates and dynamic content in web applications.
- Collaborated with front-end developers to integrate RESTful APIs and deliver responsive UI using Bootstrap.
- Wrote unit and integration tests using pytest to ensure code quality and application reliability.
- Managed version control using Git and participated in code reviews to maintain high-quality code standards.
- Optimized application performance, including database queries and server-side processes, to improve efficiency and reduce latency.

### Key Technologies and Tools: |

- Python, Django, Flask, AJAX, Stripe API, WebSocket, Git, Bootstrap, Microservices, Unit Testing, API Integration, RESTful APIs, pytest.

## Education

Seemanta Engineering College

2019 – 2023

Bachelor of Technology in Computer Science & Engineering

Odisha, India

Tapsia Vidyasagar Sikshayatan

2017 – 2019

Higher Secondary Education

West Bengal, India

Guruma Janardan Smriti Vidyapith(H.S)

2017

Secondary Education

West Bengal, India

## Projects

Crispy corner | Python, Django, Html, Css, JavaScript, SQLite, Bootstrap

[GitHub Link](#)

- Developed a food ordering website with user-friendly features, including user registration, login, cart management, and order placement.
- Executed an Admin Panel to manage food items, categories, and orders, leveraging Django's built-in admin tools.
- Integrated user authentication for secure login, enabling role-based access for admins and regular users.
- Designed a responsive UI using Bootstrap to ensure the website is optimized for various devices (desktop, mobile, tablet).
- Built a dynamic cart system that updates in real-time, allowing users to add/remove items and view the total price before checkout.
- Developed real-time updates for the order placement process and sent confirmation emails to users.
- Enhanced the user experience with search functionality, enabling users to quickly find food items from the menu.
- Ensured data security through encrypted password storage and HTTPS for secure communication.
- Implemented dynamic filtering on the menu page, allowing users to view food items based on categories, ensuring a seamless browsing experience.

## **DXF File Processing and Reporting |**

***[GitHub Link](#)***

- \* Utilized libraries like ezdxf, pandas, and FPDF to extract entities from DXF files, including lines, circles, polylines, and 3D solids.
- \* Implemented calculations for length, area (using the Shoelace formula for polylines), and volume (for 3D solids).
- \* Generated automated reports in CSV and PDF formats summarizing the extracted data and calculated quantities.
- \* Incorporated error handling and validation to ensure the integrity of DXF files and robustness of the tool.
- \* Enhanced the tool's ability to handle complex entities, ensuring accurate and efficient analysis.

## **Certificates**

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- \* **Pyspiders:** Python Full Stack Development
- \* **Coding Ninja:** Basics of Python with Data Structures and Algorithms

## **Language**

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- \* **English:** Fluent
- \* **Hindi:** Proficient
- \* **Bengali:** Native Speaker