

# Sampann Dwivedi

Senior Software Engineer

Senior Software Engineer with over 3.5 years of experience building and scaling Shopify public apps, Checkout UI Extensions, Shopify Functions, and enterprise-grade integrations. Proven expertise in GraphQL optimization, event-driven architectures, and high-performance checkout workflows, delivering measurable improvements in merchant adoption, reliability, and system scalability.

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## WORK EXPERIENCE

### Senior Software Engineer Ranosys

08/2025 - Present

Jaipur, Rajasthan

Achievements/Tasks

- Own end-to-end delivery of Shopify theme customizations, Checkout UI Extensions, and Shopify Functions for enterprise merchants supporting high-traffic production stores.
- Lead requirement analysis and technical solutioning, selecting Shopify-native, extension-based, or custom app architectures aligned with business scalability and performance goals.
- Spearhead the development of a Shopify public app integrating Shopify with an external mobile self-checkout platform, enabling seamless merchant onboarding and large-scale adoption.
- Execute real-time synchronization of products, orders, promotions, and checkout data between Shopify and external systems, ensuring data consistency across platforms.
- Design an event-driven asynchronous processing system using GCP Pub/Sub for webhook handling and background workflows, improving fault tolerance under high load.
- Contribute to Shopify migration R&D, solution design, and A/B testing initiatives through cross-team collaboration, knowledge sharing, and leveraging learnings from Shopify Academy and Generative AI.

### Web Developer Spicegems

09/2022 - 08/2025

Kota, Rajasthan

Achievements/Tasks

- Promoted from Junior Web Developer to Web Developer over tenure, based on consistent performance, ownership, and delivery across Shopify applications.
- Collaborated cross-functionally to design and build the company's first Shopify embedded app using React and Shopify APIs, establishing reusable patterns and best practices for future apps.
- Upgraded legacy Shopify integrations from REST to GraphQL, enhancing data retrieval speed by 40%, and restructured complex metafield handling using OOP principles, achieving 25% performance gains.
- Implemented Shopify session token (JWT) authentication and secure API integrations, strengthening session management, enhancing security, and reducing authentication-related issues.
- Built and optimized Liquid-based theme app extensions along with bulk import/export workflows, streamlining merchant data management and frontend integration.
- Engineered scalable backend features using Laravel architecture (Controllers, Middleware, Eloquent ORM, Migrations, Form Request validations, Custom Libraries), while contributing to feature research, prioritization, and on-time delivery.

## EDUCATION

### Bachelor of Technology

Gurukul Institute of Engineering and Technology,  
Kota

08/2019 - 08/2022

## SKILLS & TECHNOLOGIES

Shopify Development

Shopify Apps

Shopify APIs

Liquid

GraphQL

Shopify Themes

Checkout UI Extensions

Shopify Functions

OAuth & Webhooks

Node.js

Express.js

Laravel

REST APIs

MySQL

PostgreSQL

MongoDB

GCP Pub/Sub

JWT

React

React Native

Redux

JavaScript (ES6+)

HTML & CSS

Tailwind CSS

Java

Docker

Nginx

Linux

Git

GitHub

## CERTIFICATES

Shopify Development Fundamentals: Verified Skill Badge  
Shopify

React  
Scrimba

JavaScript  
Scaler

Java, Swing, JDBC, SQL  
SRV Solutions

Embedded Systems and Robotics  
Prolific Systems And Tech Pvt Ltd., Kota

Microsoft Azure Fundamentals Certification  
Microsoft

## PERSONAL PROJECTS

Shopify Bundles App [🔗](#)  
- Enables merchants to create checkout product bundles with custom pricing and automated add-on using Shopify Functions and cart transformations [\[Demo Video\]](#)

Shopify Cart Progress Bar [🔗](#)  
- Sticky cart bar with free shipping goals and optional discounts.

## INDEPENDENT PROJECTS

STREET HOUSE [🔗](#)  
Developed and deployed a modern, responsive website for STREET-HOUSE, an architecture and design studio. Built performance-optimized frontend and backend systems, integrated on-page SEO strategies to enhance visibility and user experience, and independently owned end-to-end delivery including deployment and client coordination.