

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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portfolio-rosy-eight.vercel.app



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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



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.