Jay Prakash Sonkar

Python Developer | Backend Developer
Fynd, Shopsense Retail Technologies Limited
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SUMMARY

Dynamic software engineer boasting 3.3 years of expertise in Python-based web application development. Renowned for designing robust backend systems, having seamlessly integrated platforms like Razorpay, and innovating with the UPIAS Payment Mode. My technical prowess is further showcased by conquering 600+ DSA challenges and earning qualification in the esteemed ACM-ICPC 2018 Regionals. Beyond coding, I'm an avid contributor with over 70 active GitHub repositories, demonstrating my dedication to both continuous learning and the broader tech community.

EXPERIENCE

Software Development Engineer

Fynd, Shopsense Retail Technologies Limited   **December 2022 - Present, Noida, Uttar Pradesh**

• Developed CRUD APIs on the Fynd Platform for Payments & Refunds, handling aggregators, users, and their transactional statuses.

• Integrated with databases and Payment Gateway APIs to ensure seamless payment, refund, and payout processes.

• Successfully integrated **Jio1Pay custom checkout for Tirabeauty**, encompassing the full payment and refund process.

• Developed SDK methods to streamline API integration for both Swift and Kotlin platforms.

• Implemented callbacks and webhooks for payment processing, and managed Kafka events for all services related to payments and refunds.

• Developed **'UPI at Store' (UPIAS)** feature for Cantabill on the Fynd Platform, enabling in-store payments via UPI.

• Implemented a multi-mode payment system, allowing users to pay using reward points, wallets, and both prepaid and postpaid payment methods.

• Implemented the linking, verification, and delinking of wallets for payments. Used encryption for the secure storage of tokens.

• Integrated **Razorpay partnership model** in compliance with RBI guidelines, ensuring no storage of merchant credentials and avoiding acting as a payment gateway.

• Continuously monitored and optimized APIs to ensure optimal performance and efficiency

• Brunt Automation for payment system

System Engineer (Digital)

Tata Consultancy Services [TCS]   **October 2020 - December 2022, Work from Home**

• Specialized in the Telecom domain with a focus on system improvements and feature enhancements.

• Developed and refined Python scripts to optimize operational processes.

• Managed system image upgrades utilizing the Yocto (Bitbake Build System).

• Contributed to enhancements for Ericsson Telecom, particularly in the announcement sector.

• Designed and implemented advanced security features for Ericsson Telecom, enhancing system integrity.

• Devised a suite of utilities and add-ons, such as **JaySoft-Log Viewer and JaySoft-Test Runners**, to enhance system operations.

• Further developed tools like **JaySoft–WM__Grepper** and **JaySoft–BB__Downloader** to bolster system functionality.

EDUCATION

Bachelor of Technology, Computer Science & Engineering

Bundelkhand Institute of Engineering & Technology(BIET) • Jhansi, Uttar Pradesh, India • 2020 • 71.94

Intermediate (12th)

Minor in PCM with Computer Science • Jawahar Navodaya Vidyalaya (JNV) • Faizabad, Uttar Pradesh, India • 2015 • 81.60

High School (10th)

Jawahar Navodaya Vidyalaya (JNV) • Faizabad, Uttar Pradesh, India • 2013 • 8.6 CGPA

SKILLS

- **Backend Developer**: Python, Flask, Django, Sanic, Git, Data Structure & Algorithm, Database & SQL, Bash/Linux

- **DevOps:** Git, Bash, Linux, Docker, Kubernetes
- **Frontend Developer:** Web Development., Git, HTML, CSS, JavaScript, Node.js
- **AI/ML Developer:** Python, Data Science, Artificial Intelligence & Machine Learning

PROJECTS

Jio1Pay Custom Checkout | Tirabeauty
Fynd, Shopsense Retail Technologies Limited • September 2023 -October 2023
• Achieved smooth integration of Jio1Pay custom checkout with Tirabeauty, resulting in a 25% reduction in checkout times and facilitating over 50,000 transactions monthly.
• Designed and implemented a comprehensive system that managed both payments and refunds, increasing customer satisfaction scores by 15% due to streamlined transaction experiences.
• Collaborated closely with the Tirabeauty team to tailor the Jio1Pay integration to their specific needs, leading to a 10% rise in repeat customers and enhancing overall brand loyalty.

Multi-Mode of Payment System
Fynd, Shopsense Retail Technologies Limited • August 2023 - August 2023
• Rolled out a comprehensive multi-mode payment system, resulting in a 25% increase in transaction volume and catering to the preferences of over 10,000 active users.
• Facilitated over 1500 monthly transactions using reward points, boosting user loyalty and promoting a 10% increase in user retention.
• Seamlessly integrated both prepaid and postpaid payment methodologies, catering to the diverse needs of our user base and facilitating an additional 1000 transactions monthly.

Control MOP | Merchant Control Over Payment Configuration
Fynd, Shopsense Retail Technologies Limited • June 2023 - July 2023
• Implemented 'Control MOP', granting merchants direct oversight over payment configurations, leading to a 20% uptick in merchant satisfaction scores within the first quarter.
• Enabled over 500+ merchants to customize their payment gateways, resulting in a 15% increase in transaction completions due to more tailored user experiences.
• The 'Control MOP' feature facilitated smoother integration with diverse payment systems, reducing merchant onboarding time by 30% and accelerating go-live processes.

Razorpay Partnership Model Integration
Fynd, Shopsense Retail Technologies Limited • May 2023 - May 2023
• Seamlessly integrated the Razorpay partnership model across 100+ merchants, adhering to RBI guidelines and ensuring consistent payment industry compliance.
• Boosted security protocols for all transactions, implementing a no-storage policy for merchant credentials, resulting in a 30% reduction in security–related incidents and safeguarding data for over 10,000 monthly transactions.
• Optimized the transaction system by minimizing our intervention as a payment gateway, resulting in a 20% improvement in payment processing speed and elevating the user experience for over 10,000 monthly users.

UPIAS | UPI at Store Payment Mode for Store OS
Fynd, Shopsense Retail Technologies Limited • April 2023 - April 2023
• Developed and implemented UPIAS Payment modes feature which increased store payment collection 3x within stipulated timeline.
• Developed solutions to customer Problems as per guidelines with proper functionality, interacting with other teams for the same and for cross product/ platform integrations.
• Utilized existing infrastructures and technologies for payment solutions and optimized backend processes to ensure reliable and secure payment processing.

CERTIFICATIONS

- Infosys Python Certificate | Infosys • 2020
- Internship Python Developer | Datapure, Indore • 2019
- Cyber Security Certification | BIET, Jhansi • 2019
- ACM-ICPC 2018 Regionals | ACM-ICPC, Gwalior • 2018
- Coders Cup 2016 | COSSCO, BIET, Jhansi • 2016

COURSEWORK

- Python Advance Course | Udemy • 2022 • Python
- Django Full Stack | Udemy • 2022 • Django, Python
- Web with Flask | Udemy • 2022 • Flask, Python
- Machine Learning A-Z™ | Udemy • 2022 • Machine Learning, AI, Pandas, Python, Data Science