

Shivang Dixit

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Skills

Languages Go, TypeScript, Swift
Cloud Google Cloud (GCP), AWS
Frameworks SwiftUI, React.
Databases PostgreSQL, Redis.

APIs WebSocket, Webhooks, GraphQL, REST
DevOps / Testing Docker, CircleCI, Jenkins, Xcode
Programming Concepts OOP, Functional Programming, PODs.
AI Assistant Claude.

Experience

Telegram Mini-Apps (Contract-Based)

Present

Telegram Mini-Games Builder — TON Blockchain Integration

Telegram Mini-Games Builder — TON Blockchain Integration

- Designed and developed interactive Telegram Mini-Apps to boost user engagement and retention within community channels.
- Integrated smart contracts on the TON blockchain for in-game rewards, asset ownership, and on-chain score verification.
- Implemented secure wallet authentication and micropayments using TON Connect for seamless user experience.
- Deployed scalable backend services and optimized game logic for low-latency interactions inside Telegram WebApps.

ChainLink Fellowship by Cyfrin

July – Aug 2025

Learned About Oracles and DOM Networks

- Learned About Web3 Oracles and how On-chain Automation Works.
- Made projects about how Data streams and Data Feeds works.
- Learned About how to make custom Log-Triggers for Web3 on-chain Games.

Education

ITM University

2022-2026

Bachelor of Technology in Computer Science and Engineering
Specialization: Machine Learning and Blockchain

Certifications

- Chainlink Certified Developer

Projects

Go-Kafka Event-Streaming

- Built an end-to-end Go + Kafka ecosystem covering message producers, consumers, and streaming pipelines.
- Demonstrates scalable architecture patterns inspired by production setups at Uber, Cloudflare, and HyperLiquid (Web3).
- Includes Docker-based deployment, schema evolution handling, and fault-tolerant consumer group design.

Twap / Spot Oracle

- Developed an on-chain oracle that fetches and aggregates real-time Spot and TWAP prices from multiple Uniswap V3 liquidity pools.
- Provides reliable market data feeds for decentralized finance (DeFi) applications and automated trading systems.
- Features modular architecture for adding new DEX integrations and supports multi-network deployments.

Telegram SignalBot

- Designed a Telegram bot that monitors Bitcoin whale transactions and broadcasts predictive alerts for ETH and SOL price movements.
- Implements real-time data analysis, transaction filtering, and sentiment-weighted scoring models.

Disperz

- Built a decentralized app enabling users to distribute tokens to multiple wallet addresses with custom amounts in one transaction.
- Focused on gas optimization, error handling, and Web3 integration for efficient multi-send operations.

Current Initiatives

Apple Ecosystem Development

- Exploring **Swift**, **SwiftUI**, and **CryptoKit** to build secure and privacy-focused iOS applications.
- Developing hands-on projects around local key generation, digital signatures, and QR-based identity verification.
- Learning end-to-end app workflows from Xcode setup to TestFlight deployment for modern Apple platforms.