

Shashank Shinde

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Full-stack mobile and web engineer specializing in blockchain, AI, and fintech, with strong expertise in Node.js, React, and React Native. Experienced in building scalable systems and applications, translating business needs into secure, high-performance products.

Work Experience

Module Lead, May 2019 - Present

CakeSoft Technologies Private Limited | Pune

- Built scalable cross-platform mobile and web applications using React Native, React.js, and Node.js across domains, including banking, fintech, social media, chat, and e-commerce
- Managed a team of developers, including task assignment, progress tracking, and delivery coordination
- Represented the organization and its products at international conferences, delivering demos and engaging with developers, partners
- Implemented CI/CD pipelines and designed scalable system architectures for reliable and efficient application delivery
- Built and deployed a Model Context Protocol (MCP) server enabling context-aware integration between AI models, external tools, and data sources
- Followed spec-driven development using SpecKit and OpenSpec for collaboration with autonomous AI agents
- Developed custom JavaScript bridges to integrate native Android and iOS libraries with React Native
- Generated Rust FFI bindings for Android and iOS to enable high-performance native module integration
- Worked with Bitcoin technologies and protocols, including RGB, Lightning Network, and Whirlpool, implementing crypto-enabled features in production applications
- Implemented scalable state management using Redux, Redux Thunk, Redux Saga, and Zustand
- Designed offline-first architectures using Realm, WatermelonDB, SQLite, and caching strategies
- Built a peer-to-peer messaging system using Holepunch protocols, including Hyperswarm and Hypercore
- Practiced test-driven development (TDD) using Jest and Implemented end-to-end and automation testing using Maestro, Detox, and Appium
- Built workflow automations for app builds, deployments, package publishing, and release management
- Won bounty of 2 BTC from HRF for implementation of Border Wallets

Software Developer, May 2017 - May 2019

Podium Systems Private Limited | Pune

- Mobile application development with Android, React Native, iOS
- Converting UI/ wireframes to high-performance and high-quality code
- PayTm and InstaMojo payment gateway integration
- Worked on spring boot-based micro-services backed

- Firebase- Phone and email Authentication, Cloud Messaging, In-App Messaging, Crash Reporting, Analytics, Remote config, Dynamic links
- Google Play and Apple in-app purchases
- Facebook, Twitter, and Google SDK integration for authentication
- InMobi, AdColony, and MobPub Ads integration, Monetization using Facebook Audience Network
- Twitter SDK integration and YouTube SDK to play videos on the app
- Integrated geolocation features using Google Location Services and Google Maps APIs
- YouTube, Twitter, Instagram, and Wikipedia API to retrieve data
- Bug fixing and performance optimization

Projects

Orbis1 Accounts and Auth App

A modern financial platform built for fast-moving businesses and merchants to manage and transact in USDT globally. It simplifies receiving, storing, and transferring stablecoins with ease, eliminating the complexity of traditional payment systems.

Tribe RGB

Tribe RGB is a platform dedicated to tokenized digital assets on the Bitcoin RGB protocol. It offers a cutting-edge decentralized finance experience with a Bitcoin wallet, peer-to-peer community messaging, and Friends & Family options.

Bitcoin Keeper

Bitcoin Keeper is a non-custodial Bitcoin multisig wallet designed to help individuals and families securely self-custody Bitcoin without lock-ins, proprietary formats, or dependency on a single company. Advanced options include time-locks, hardware wallet support, and Tor for privacy.

BidMyListings

BidMyListings is a platform where homeowners list homes and receive bids from motivated real estate agents who pay upfront for the right to represent them. Homeowners list properties for sale, and agents/brokers compete for the listing.

GreenPages

Super app platform in partnership with DOKU, one of Indonesia's leading payment technology companies, for the largest mosque in Southeast Asia and the sixth-largest mosque in the world. Included Messenger, Zocial (an Instagram clone), and e-commerce features.

Core Skills

Node.js, React Native, React.js, Blockchain, Android, iOS, MongoDB, Postgres, AWS, Google Cloud Platform, MCP Server, Automation

Education

Pune University Jan 2013 - Jan 2017

Bachelor of Engineering - BE Electronics and Telecommunication Engineering

Languages

English, Hindi, Marathi