

Ashitosh Bhade | Blockchain Developer

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With over **5 years of experience in the blockchain** space, I specialize in smart contracts, DeFi protocols, and **full-stack Web3 applications**. My expertise includes building and managing **production-grade smart contract** infrastructures for **DeFi** systems, external farming, **NFTs, marketplaces**, vaults, and **cross-chain** transfers. I'm also skilled in developing scalable **web apps, APIs, subgraphs**, and **AI agents**. I have a proven ability to translate complex product ideas into robust, scalable blockchain solutions.

Key Achievements

- **Developed a digital asset collection platform** featuring rarity-based NFTs across major L2 EVM-compatible chains.
- **Architected subscription-based automated payment models.**
- **Designed a custom NFT exchange protocol and marketplace contracts** by integrating features from OpenSea and Reservoir, delivering end-to-end solutions on EVM based chains like Polygon, BSC, BASE, Ethereum.
- **Built AI agents using Gemini and OpenAI APIs** for a blockchain-based game and personal assistant experience.

Technical Skills

- **Programming Languages:** Solidity (5 years), React (5 years), Javascript (5 years), Typescript (5 years), Nodejs(3 year), Nextjs (1 year), Java (1 years)
- **Development:** Forge, Ganache, Foundry, Hardhat, Truffle, EthersJs, Web3Js, Github Copilot, Postman, ChatGpt, IPFS, Viem, Wagmi, Thirdweb, Tailwind, RadixUI, Material UI, Git, Chai.js.
- **Monitoring:** CI/CD Codecov, the Graph, Github actions.
- **Security analysis:** Slither, Mythx.
- **DevOps:** Vercel, Github Pages.

Experience

Deqode | Solution Engineer

July 2020 – August 2024

- Developed, tested, and deployed smart contracts for marketplaces, NFTs, vaults, pull payments, giveaways, DAOs, and DeFi applications.
- Built end-to-end dApps featuring NFT marketplaces, **crypto and credit card payment flows**, and **seamless wallet integrations**.
- **Led smart contract development**, mentored junior developers, **architected platform solutions**, and created **UML diagrams** for system design clarity.

Ownplay | Blockchain Developer

August 2024 - June 2025

- Integrated third-party services including Thirdweb for account and **NFT management**, Reservoir for **marketplace** functionality, Crossmint for **payments**, and Coinbase for **sponsored transactions with smart wallets**.
- Developed a complete **NFT marketplace dApp**, implemented **passkey-based smart wallet generation**, and built an **AI assistant using OpenAI and Heygen** for enhanced user interaction.

Projects

Zapper.fi | Solidity, Javascript

August 2020

- Designed, developed, tested, and verified smart contracts for **token swaps and liquidity provision**, with a focus on **gas efficiency optimization**.
- Explored and integrated protocols such as **Uniswap, PancakeSwap, Curve, and SushiSwap** to build zap-in and zap-out contracts, enabling single-token liquidity interactions.
- Developed **ERC-20** token contracts and **DAO governance smart contracts**.

Pumapay | Solidity, Javascript, Typescript, Reactjs, The Graph

April 2021

- Designed and developed smart contracts on BSC for subscription-based models with on-chain automated payments using **Chainlink** Upkeeps.
- Built UI components for the **dApp** and implemented real-time monitoring with **The Graph** protocol.
- Developed an event monitoring service to track token transfer activity on-chain.

LaCucina | Solidity, Javascript, Typescript, Reactjs, Node.Js

February 2022

- Designed and developed smart contracts on BSC for rarity-based NFTs (**ERC-721 & ERC-1155**), giveaways, accessories, vaults, protocol tokens, and a marketplace with royalty support (**ERC-2981**).
- Built UI components for the dApp, integrated **WalletConnect** for seamless wallet access, and implemented a monitoring service for contract interactions.

Blinkplanet | Solidity, Javascript, Typescript, Reactjs, Node.Js

January 2023

- Designed and developed smart contracts on **BSC, Base, and Polygon** for NFT collections and marketplace functionality.
- Built UI components for the dApp, integrated WalletConnect, and implemented **monitoring services** for NFT transfers and marketplace events.
- Designed **backend APIs, database entities, and serverless Lambda functions** to support the platform infrastructure.

CityverseTycoon | Solidity, Javascript, Typescript, Reactjs, PixiJs, Next.js.

August 2024

- Developed UI components in a PWA using JavaScript and HTML, integrating marketplace flows with Reservoir for NFTs, Crossmint for payments, and Thirdweb for smart wallet creation via email/**passkey** authentication.
- Built a proof of concept for-
 - creating **ERC-4337** smart wallets using Google and Passkey login, with **sponsored transaction** capabilities via **Coinbase**.
 - NFT marketplace with custom smart contracts and **Reservoir** service.
 - Creating Nfts with **Thirdweb** and purchasing them with **Crossmint** credit card.
- Developed an AI agent avatar to handle player queries related to in-game activity and suggestions using **Openai** and **Heygen**.

Hackathons

Smart India Hackathon | Runner up

March 2017

- Built an Android application for online toll payments, enabling users to pay before arriving at the toll booth using geofencing and computer vision technologies.

AIT Hackathon | Winner

November 2018

- Build an Android app for placing food orders while traveling by minimizing the wait time.

Education

- Diploma In Information Technology (2014 -2017)
- Bachelors of Engineering in Computer Science (2017-2020)