Hello, I am

Sahil Rajput | FullStack Blockchain Developer for DeFi – Solidity | MERN | NextJS/ReactJS | JavaScript/NodeJS | TypeScript

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Languages and Frameworks

Ethereum Solidity Contracts, MERN | TypeScript/JavaScript, NodeJS, NextJS/ReactJS, Hardhat, Truffle, and test-driven development. I have good pragmatic experience working with databases like MongoDB, PostgreSQL, and RedisDB.

Experience

APRIL 2022 - NOW

Decentralized projects made in Recent months – *FullStack Blockchain Developer | MERN | NodeJS | TypeScript*

- Ethereum-Based Decentralized Exchange - A crypto exchange where people can have their own DEX coins and trade with other popular fungible tokens (ERC20 Standard) like DAI, BAT, REP, and ZRX. I wrote quality tests for the smart contracts for the same. TECH: Solidity | NextJS | Truffle | Goerli (Testnet)
- KryptoBirdz - A NFT Marketplace (with ERC721 token standard) | Solidity | NextJS | Hardhat | Goerli Network (Testnet, ✅ Contract Source Code Verified). In this people can mint new NFTs and list them to buyers.
- MultiSig Wallet - A wallet in which you can only make a transaction if multiple people (approvers) agree on the transaction | Solidity | NextJS | Truffle | Goerli (Testnet, ✅ Contract Source Code Verified).

  Blockchain Projects Deployed @ Görli Network (Testnet) -

  - https://dapp-decentralized-exchange.vercel.app/, GitHub Repository
  - https://dapp-nft-marketplace-kryptobirdz.vercel.app, GitHub Repository
  - https://dapp-multisig.vercel.app/, GitHub Repository

MAY 2021 - NOVEMBER 2021

Blulabs, Mohali, Chandigarh, INDIA – *FullStack Blockchain Developer | MERN | NodeJS | TypeScript*

- Worked on the user-facing web application, BetterSpaces
- Delivered the frontend web application of Admin Panel, BetterSpaces
- Worked on frontend development with REACT on TicketSelling platform, TiqAssist

JUNE 2018 - JANUARY 2019

Nubit (Mobin Signity Solutions Pvt Ltd) – *Android Developer (Java)*

- Calvry is an AI based FOOD recognition app that intelligently detects your food items and allows user to know all the nutritional values of your foods
- During the internship period as a native android developer, I worked for developing calvry that intendedly worked very well. The app was designed with the aim of optimizing bandwidth considering the features, thus making it bandwidth-friendly, fast and efficient.

MARCH 2015 - MAY 2019

UIET Panjab University, Chandigarh – *Bachelor of Engineering – Information Technology*

Interests & Hobbies

- Docker, Kubernetes, bash/shell programming, Python
- I am addicted to Linux systems (Archlinux) and Linux utilities like Tmux, Neovim, htop, i3wm, etc.
- I write unfiltered tech and software-related content on https://sahilrajput03.ml and sahilrajput.ml
- Nginx server configuration for load balancing, hosting multiple sites, forward/reverse proxy server, interfacing multiple applications, serving application access over TLS/SSL, etc.
- DDNS setup via noip.com for hosting services using port-forwarding for webservers, ssh, ganache-server over SSL, etc.
- Using raspberry pi with tmux
- StackOverflow: stackoverflow.com/users/10012446/sahil-rajput
- Twitter: twitter.com/freakstarrocks
- I have made a couple of Telegram and Skype Bot for build notifications to groups
- Some React and NodeJS packages published on npm/yarn:
    - rpc-middleware for ExpressJs - A rpc specification based NodeJs/ExpressJS middleware
    - useWhat - Dead simple REACT state management solution
    - useStateM - Namespace based immer based REACT state management solution
    - jsonbackend - A memory based json database server ~ fun, inspired from mongoose syntax
    - useEffectFactory - complex hooks in one place
    - r_global - External key-value store (React)
    - mongo-quick - Learn making npm packages via mongoose abstraction
    - react-fetch2 - Hook free react data fetching library
    - obj-json - A cli tool to convert js object to json on cli
    - Pagelist React Component - Testing apps in isolation made easy
    - flash-runner - Single worker test runner
    - context-maker - Provides simple use of context api for react
    - sahilrajput03-logger - A request logger middleware and general logging tool for server in nodejs/express