Hello, I am

Sahil Rajput | FullStack NodeJs Developer| JavaScript/TypeScript | MERN | NextJS/ReactJS

66 Luxmi Enclave, Zirakpur. Mohali, Punjab, INDIA 140603
(836) 026-7243, sahilrajput03@gmail.com
GitHub: github.com/sahilrajput03, Skype: join.skype.com/invite/yZqQ423RRPXI

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

December 2021 - NOW

Projects – *FullStack Blockchain Developer | MERN | ExpressJs | NodeJS | TypeScript*

- Hospital Patient Record CMS - In this project, I was responsible for creating the backend with ExpressJs/NodeJS and the front-end in NextJs/ReactJs using ExpressJs/NodeJs and MongoDB.
- Rate Repositories App - React Native Project - In this project users can rate different GitHub repositories and leave a review on them. I played the role of creating the backend with KoaJs/Nodejs and MongoDB. Also integrated the front-end with backend APIs using react native platform. GitHub Repository - https://github.com/sahilrajput03/rate-repository-app .
- Group Video Chat App - I worked on this project with the responsibilities of creating the backend with Socket.io and NodeJS. GitHub Repository: https://github.com/sahilrajput03/video-chat-app-webrtc . Website: https://elegant-chat-app.herokuapp.com/ .
- Group Text Chat App: This is an in-memory, secured chat app for people to chat anonymously with anonymously assigned names and interesting avatars using external APIs.. Website: https://elegant-chat-app.herokuapp.com/. GitHub Repository: https://github.com/sahilrajput03/learn-websockets/tree/main/helloworld-socket.io/chat-app

  Blockchain Portfolio: https://sahilrajput03.ml/blockchain_portfolio

- 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).

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