

Suraj Singh

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TECHNICAL SKILLS

Java | Python | SQL | JavaScript | TypeScript | HTML | CSS | TailwindCSS | Bootstrap | Material UI | Figma | ReactJS | NextJS | Django | Django REST API | NodeJS | ExpressJS | Redux | MongoDB | MySQL | Firebase | PostgreSQL | Solidity | Ethereum | Blockchain | Machine Learning | Frontend | Backend | Fullstack | Git | Github

PROJECTS

- Devcube** | *Django REST API, React, MYSQL, Typescript, HTML, TailwindCSS* | [Github](#) Feb 2023 – Apr 2023
- Developed a web app for developers to create/join rooms and enhance skills. Built-in discussion section for idea sharing. Implemented **Django REST API** framework with JWT authentication. The front-end is developed using React with TypeScript and Redux for **effective statement management**.
 - Implemented the 3rd Normal Form (**3NF**) in MYSQL tables, resulting in **reduced storage space** and **improved query performance**, leading to efficient data management.
 - Demonstrated interest in incorporating machine learning to provide personalized room **recommendation system** to user.
- EasyCart** | *React, Javascript, NodeJS, ExpressJS, MongoDB, Stripe-payment* | [Github](#) Nov 2022 – Jan 2023
- Developed a cutting-edge e-commerce web application that seamlessly integrates both **customer and admin user interfaces**. Built **robust API endpoints** using Node.js.
 - Optimized the checkout experience** using Stripe, resulting in streamlined transactions.
 - Flexible and intuitive user interface that enables sellers to easily modify and list their products online, streamlining the e-commerce process and enhancing user engagement.
- Crypto Raptor** | *Solidity, Ethereum Blockchain, EtherJS, Hardhat, IPFS* | [Github](#) May 2022 – Jul 2022
- Created an **NFT marketplace** platform that allows creators to mint and sell their digital assets as NFTs.
 - Utilized programming languages such as Solidity for creating **smart contract** and Worked with **Ethereum blockchain** to enable smart contracts, which allow creators to easily mint and sell their NFTs.
 - Deployed **IPFS, a decentralized database**, to store assets, resulting in **enhanced speed, efficiency, data privacy, security, and transparency**.
- TimeSnap** | *Machine Learning, NLP, BERT, Django, React* | [Github](#) Mar 2023 – Mar 2023
- Developed a YouTube **timestamp generator** using machine learning algorithms to enable streamlined navigation
 - Used Python programming language and machine learning libraries, including **Scikit-Learn** and **Google's BERT NLP** model, to conduct sentiment analysis and text generation tasks.
 - Enhanced YouTube user experience with a faster and efficient video navigation system, **minimizing viewer effort** to find relevant information and help in **enhancing the ranking** of relevant videos by the platform's algorithm.

EXPERIENCE

- Web Developer Intern** | [Certificate](#) Dec 2021 – Aug 2022
iQueue *US based startup*
- Developed a web application in **ReactJS**, integrated with **Firebase's Realtime Database** and **OTP authentication** feature, providing a secure and seamless user experience.
 - Collaborated with **Firebase Crashlytics** and **Remote Config** to ensure application stability and to streamline deployment processes.
 - Developed a feature enabling appointment bookings from QR codes, which doesn't require the installation of any additional app or the creation of any profiles, resulting in **increased customer acquisition** on the platform.

EDUCATION

National Institute of Technology, Kurukshetra Haryana, India
Masters of Computer Application Oct. 2021 – May 2024

ACHIEVEMENTS

- Winner, First Position** in Christ Hackathon - 2022 | [Certificate](#)
- Ranked in the **top 4 out of 300+** participating teams nationwide in the Excalibur Hackathon organized by NIT Kurukshetra. - 2023