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**.

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*

University of Delhi   Delhi, India
Bsc(Hons) Electronics   *Aug. 2018 – May 2021*

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
- **Knight badge on leetcode** (max rating : 1853), and **800+** questions in leetcode | Profile link
- **Coordinator** of Codecats society at NIT Kurukshetra, organizing successful events and fostering a vibrant tech community.