GURPREET SINGH

Indian Institute of Information Technology and Management, Gwalior

@ lostlegend2701@gmail.com   📞 +91 7986281230   🌐 gurpreetsingh.me   🔗 gurpreetsingh2701   ⌨ gurpreet-legend

EXPERIENCE

WalletSocket
Software Consulting and Engineering

📅 Apr 2022 – Present

- Developed a survey site for an NFT project based on **ReactJS** which followed a child-parent based architecture.
- Responsible for cryptographically encrypt the asset creation metadata as per **CAI(Content Authenticity Initiative)** guidelines
- Implemented image mapping on survey images

Codepend 🔗
Full Stack Developer Intern

📅 Jan 2022 – Feb 2022

- Worked on developing an end-to-end website for their Web Application based on **NextJS**, **Docusaurus** and **MDX** based blogs and **SendgridAPI**
- Worked on WebApp **Containerization, Cloud Deployment** and maintained **Cloud database and clusters**, implemented **firebase functions**, integrating with **SendgridAPI** automated email service

PROJECTS

PaperFi - Blockchain ⌨
A Crowdfunding Platform for Research Papers

- A platform for Researchers to mint and publish a research paper on the blockchain, explore numerous research papers, and also fund their research
- Donations to research publications can be made using the **MetaMask** wallet, and funding history is maintained.
- Built with **NextJS**, published papers are uploaded on **IPFS** and **Solidity** smart contracts deployed on **Rinkeby** testnet.

DeTrace - Blockchain ⌨
A Supply Chain Management DApp

- Developed a supply chain management system that maintains track of all items registered in the system.
- Displayed a product's history from production by capturing events using Web3.0
- Added **IPFS** support to smart contracts created with **Solidity** and a client-side application built using the **ReactJS** framework.

Expresso - MERN ⌨
expresso-blog.vercel.app

- A personal blogging app where I can post all my learnings and experiences
- Made on **NextJS** + **GraphQL** + **GraphCMS** and deployed on **Vercel**.
- Designed using **Tailwindcss** and **Sass**

POSITION OF RESPONSIBILITY

Executive Member | Technical Team
E-Cell, IIITM Gwalior

Web Committee Volunteer
IBSSC, IEEE, IIITM Gwalior

EDUCATION

ABV IIITM GWALIOR
B.Tech (Computer Science Engineering)

📅 Jun 2020 – Present

CGPA 9.03/10

BCM Arya Model Sr. Sec. School

📅 March 2019 – April 2020

Class XII   Percentage: 96.4% (CBSE)
Class X   Percentage: 98% (PSEB)

SKILLS

PROGRAMMING

`TypeScript` `Solidity` `Python` `C/C++` `Bash` `Go` `SQL`

WEB STACK

`ReactJS` `Redux` `NextJS` `NodeJS` `ExpressJS` `Firebase` `TailwindCSS` `GraphQL` `Jest` `ViteJS` `ThreeJS`

BLOCKCHAIN

`Truffle` `Hardhat` `Web3js` `Ethersjs` `Ganache`

DATABASE SYSTEMS

`MySQL` `PostgreSQL` `MongoDB`

DEV OPS/ CLOUD

`GCP (Google Cloud Platform` `Docker` `Vercel` `Heroku` `Netlify`

TOOLS

`Git` `Github` `Postman` `Canva` `Linux` `Latex` `Figma`

ACHIEVEMENTS

- Among the Top 10 **Smart India Hackathon Internals, 2022 :** finalist
- **Hackstack :** Ranked **Best regional team** in **National Hackathon**
- Successfully merged 8 PR in **Hacktoberfest**
- **Codechef Snackdown 2021 :** Global Rank : 68th
- **Certified Cloud Architect**
- **JEE Rank :** AIR: 8763 (General Category)
- **State Topper :** Matriculation Examination, Punjab School Education Board