JAKOB POTOSME

Stockton CA

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Technical Skills

Languages: JavaScript, Java, Python, C/C++, Solidity
Frameworks and CMS: React, Next.js, HTML5, CSS3.0, Node.js, Flask, PHP, Wordpress, Material-UI
Database and ORM: SQL, MySql, SQLAlchemy, MongoDB, Mongoose, Supabase, IPFS
Developer Tools: Git, Docker, PostMan, Google Cloud Platform, AWS, Figma, HardHat, Truffle

Education

University of California, Merced   **Aug. 2017 – Dec. 2021**
Bachelor of Science in Computer Science And Engineering   *Merced, CA*

Relevant Coursework: Algorithm Design and Analysis, Software Engineering, Full-Stack Development, Databases, Discrete Mathematics, Artificial Intelligence, Computer Vision, Circuit Theory, Computer Architecture

Experience

Sweep Energy   **Merced, CA**
Full Stack Web Developer

- Developed a user friendly full-stack web application utilizing **Node.JS, Express, React, MongoDB and Docker** to efficiently monitor industrial devices such as BACnet and Modbus devices
- Emphasized scalability and modularity of engineering design while incorporating third party APIs to ensure efficient,organized, and readable code
- Decreased the overall time to retrieve sensitive data by up to 12%
- Actively participated in weekly discussion meetings with client to meet their demands and offer insightful suggestions to help improve application experience

Smolpad   **Remote**
Full Stack Developer

- Lead developer for a **Web3** launchpad built to create high quality experiences for the community
- Full stack **Next.js** and **React** application optimized by utilizing **static site generation** and **server side rendering** when needed leading to faster load times with dynamic performance.
- **Metamask** wallet detection enabled admins and users to access their respective dashboards, where they can view and interact with data in **realtime** stored on **Supabase**
- Worked alongside a UX expert to improve navigational and overall user experience throughout application

Projects

Dynamic Month Nft : Colors | *Nextjs, React, Solidity, Graph Protocol, Vercel*
- A platform that allows you to mint an NFT whose metadata will vary depending on the current month
- Frontend is served with **Nextjs/React Moralis** powered by **Solidity** smart contract built upon the **Ethereuem Virtual Machine** EVM
- Data is being queried from a subgraph created on **Graph Protocol** that is listening for events triggered by the contract and acting accordingly

Hub3 | *Nextjs, React, Axios, TailwindCss, Vercel*
- A central hub where users can track crypto prices and view detailed statitics about the Nfts they own.
- Frontend is served with **Nextjs/TailwindCss** powered by CoinGecko **Api** along with Alchemy **SDK**.
- Web3 interactions is handled by **Ethers.js** and **WAGMI** library. Currently hosted live with **Vercel**

Multiplayer Connect 4 | *Node.JS, MongoDB, Express, SocketIO, Heroku*
- A multiplayer game deployed using elements from **MERN** stack creating an interactive environment for users hosted live on **Heroku**
- Made use of **Javascript and Jquery** to easily manipulate elements of the **DOM**, while also incorporating the **SocketIO** library allowing users to interact with one another
- Securely stored sensitive user information within **MongoDB** with the use of the **BCrypt** library