Gowtham Saravanan

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Technical Skills

Languages: JavaScript, TypeScript, HTML/CSS, SQL, PHP, Python, Java, C, C++
Frontend: React, Ethers.js, Tailwind, Bootstrap
Backend: Solidity, Node.js, Hardhat, Laravel, AWS
Developer Tools: VS Code, Remix, GitHub, JIRA, Jenkins, Android Studio

Experience

Santa Browser   Jan 2023 – Present
Blockchain Developer   *Hyderabad (Remote), India*

- Leading frontend development of crypto wallet features, encompassing asset management, purchase, sending, swapping, and bridging functionalities.
- Developed smart contracts for IOU token distribution, with a mechanism to mint tokens through signature verification.
- Conducted weekly sessions, empowering team members with foundational knowledge in blockchain technology.
- Provided mentorship to junior developers, ensuring adherence to React coding standards.

Orgfarm   Jul 2021 – Sep 2022
Senior Software Developer   *Chennai (Remote), India*

- Introduced new features and addressed bugs in the Front Store, utilizing React and Redux, to deliver a seamless and user-friendly experience.
- Integrated WhatsApp and Payment Gateways (Razorpay, Paytm) for enhanced communication and secure transactions.
- Implemented an Abandoned Cart Mail system, significantly enhancing user engagement and boosting conversion rates.
- Implemented new APIs and resolved issues in the existing API, enhancing overall system functionality.

Layorz   Jun 2020 – Jun 2021
Co-Founder   *Karur, India*

- Co-Founded Layorz, an Service Start-up, with a small team and handled diverse projects for clients in ecommerce, advertising, and robotics.
- Conducted parallel RD, developing MVPs for our products (Mealee and Layorz Commerce).
- Accumulated expertise in SAAS Products, Laravel, Javascript, AWS services (EC2, RDS, S3, SES, Code Pipeline, IAM), Digital Ocean, and team management.

Mallow Technologies   Jun 2019 – May 2020
Junior Backend Developer   *Karur, India*

- Created API's with unit test cases and introduced dynamic PDF generation in Laravel for a content organizing app.
- Acquired comprehensive expertise in HTML, CSS, jQuery, Bootstrap, PHP, MySQL, Laravel, as well as AWS services such as EC2, RDS, S3, and Lambda.

Projects

NFT Palace | *Solidity, React.js, Node.js, Ethers.js, Hardhat, Tailwind*   December 2022

- Crafted a marketplace where sellers can list NFTs for sale, setting prices in ERC-20 tokens and whitelisting buyers.
- Whitelisted buyers can seamlessly transfer tokens for NFT purchases, and users can upgrade ERC-721 to ERC-1155 tokens.
- Implemented gasless transactions using ERC-2771 for an enhanced user experience.

DEX | *Solidity, Ethers.js, Hardhat*   November 2022

- Developed a Decentralized Exchange akin to Uniswap V2, incorporating a Router Contract, Factory, and Pair contracts.
- This Router facilitates straightforward pair creation, liquidity addition or removal, and token swaps in various combinations.
- Implemented comprehensive test cases to validate all functionalities of the DEX.

Todo Dapp | *Solidity, React.js, Ethers.js, Hardhat, Tailwind*   May 2022

- Designed and deployed a decentralized task management app with on-chain NFT membership and governance on Polygon. The initial 1000 NFTs are complimentary, with a subsequent 0.001 ether charge.

Education

Sastra University   June 2015 – May 2019
Bachelor of Technology in Electrical and Electronics   *Thanjavur, India*