SILAS FORREST

AI & Senior Full-Stack Web3 Engineer

@ forest310125@gmail.com　📍 Houston, Texas, United States

SUMMARY

Full Stack Developer with 8+ years of experience in designing, developing, and maintaining web applications. Proficient in front-end and back-end development, with expertise in programming design, development, and implementation using a range of technologies and programming languages. Collaborative team player with strong problem-solving skills and a proven track record of developing highly functional web applications. Certified in Full-Stack Web Development with React and Front End Web Development. Passionate about staying up-to-date with the latest technologies and trends in the industry

EXPERIENCE

Lead Full-Stack & Blockchain Engineer

Flappy Bee

📅 04/2023 - 02/2024　📍 Paris, France

🔗 https://flappybee.com/

- Worked as a full-stack and blockchain engineer with core-teammates
- Built Flappy Bee's entire website and dapp
- Contributed to building both frontend & backend, including smart contracts as staking based on the Ethereum network
- Used MERN stack to store all players' scores into MongoDB once connected their wallets
- Implemented reward system using auto withdraw function in backend to allow users to see their scores and history in real time
- Developed p2e game as Flappy and added game logic to enhance gameplay based on BEE NFT

Lead Full-Stack & Blockchain Engineer

Alien Inu & The HUNT Dao

📅 05/2022 - 01/2024　📍 Sydney, Australia

🔗 https://drive.google.com/drive/folders/1ZzTpG0FGLyCaZKEca5cmTS7HK_q3Is0L?usp=sharing

- Worked as a lead full-stack and blockchain engineer with co-founder
- Permanent, Part-Time
- Updated frontend UI of Alien Inu's dashboard and displaying chart page
- Designed The Hunt Dao website based on Webflow
- Built the frontend UI of The HUNT Dao using React.js, Material-UI, and styled-components
- Implemented getting real-time price & CoinMarketCap & volume using Node.js
- Built smart contracts of staking and NFT marketplace using Solidity
- Integrated frontend to smart contracts using Web3.js

Frontend & Web3 Developer

Mcverse

📅 01/2023 - 01/2024　📍 Florida, United States

🔗 https://mcverse.app/

- Worked as a frontend & web3 developer in the core-team
- In this company, I have built and updated three projects with their CTO, project manager and lead backend developer
- I have mostly worked in building frontend ui using react.js(or next.js), material-ui, styled components based on figma design and then integrated frontend to smart contract using ether.js
- These all projects are related with metaverse, NFT marketplace and p2e games related to car-racing based on avax network
- Determined the structure and design of web pages based on user requirements and balanced functional & aesthetic designs
- Skills: react.js/next.js, styled-components/material ui, pixel perfect/mobile responsive, figma, avax network, ether.js, wagmi, docker, dexscreener, NFT Marketplace, p2e, vercel, github

CONTACT ME

Email
forest310125@gmail.com

Twitter
https://x.com/TimberTinker

GitHub
https://github.com/timbertinker

Telegram
https://telegram.me/forest_0322

Discord
https://discord.me/forest_0322

EDUCATION

Computer Science

University of Houston

GPA: +B

3.3 / 4.0

📅 08/2010 - 05/2014
📍 Houston, United States

TECHNOLOGIES

Frontend

Backend
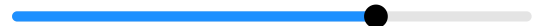
Blockchain

Database

Services

PM Tools

Mobile
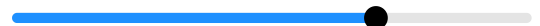
Others

Studying

EXPERIENCE

Project Manager
Sandy games
📅 06/2023 - 10/2023 📍 Wilton, Connecticut, United States
🔗 https://sandygames.io/

- Worked as a project manager and lead developer
- Managed and developed both frontend & backend development
- Integrated smart contract to frontend UI
- Solved technical problems according to Sandy games logic
- Created all designs collaboratively with the founder
- Developed features including mint Sandy NFTs, NFT inventory, Treasure Quest games, reveal NFTs, wardrobe using NFT outfits, Sandy's Collection, and p2e with a Twitter simple game
- Utilized features like Infusion, Nesting, Timed release, and Smart NFTs to enhance gameplay and user experience
- Based on Phantasma blockchain, providing a toolkit for innovation and adaptable assets

Frontend & Blockchain Developer
Lovely Inu Finance
📅 02/2023 - 05/2023 📍 United Arab Emirates
🔗 https://lovely.finance/

- Worked as a frontend & blockchain developer with CMO
- Freelancer, Part-Time
- Built frontend UI of Lovely's chain explorer using React.js, Material-UI, and Styled-Components based on Figma design
- Fixed issues of DEX integration and wallet connection in Lovely swap
- Reviewed application requirements and interface designs to ensure compatibility with existing projects
- Skills: React based on TypeScript, Material-UI, Styled-Components, Figma, Ether.js, Remix, pixel perfect & mobile responsive, chain explorer as Blockscout, Netlify, GitHub

Core Blockchain Engineer & Frontend Developer
AiR - Adventures in Reality [36 Tai Yau Street
📅 05/2022 - 04/2023 📍 Hong Kong
🔗 https://air-world.io/

- Worked as a core blockchain engineer and frontend developer
- Contract, Full-Time
- Built AiR NFT Factory called ANF using solana-cli-tool and forking metaplex based on MERN stack to track all logs and information of minting NFTs in solana network
- Worked as a senior frontend developer with on-site teammates to build CEO's project called "Ocean Park" that collaborates with AiR Metaverse to deliver Metaverse-to-Go
- Built web3 projects called "Eatie" and "Moove" that use AiR citizen NFTs
- Implemented front-end architecture to support user interface concepts with 100% accuracy

Lead Frontend & Web3 Developer
Origin Company
📅 10/2022 - 02/2023 📍 Hanover, Germany
🔗 https://iotaorigin.de/

- Worked as a lead frontend & web3 developer
- Contract, Full-Time
- Managed design of website & staking pool & NFT swap's frontend ui and built frontend using next.js, after then integrated frontend with smart contract of staking pool & nft swap using ether.js & wagmi (React Hooks for Ethereum)
- Produced high-quality mockups & designed different prototypes and provided high-quality graphics & visual elements for the website
- Skills: next.js, creative and responsible design, ether.js, mui/styled-components, figma, wagmi, github, remix, hardhat, netlify, NFT staking, IOTA network, docker

SKILLS

✅ **Frontend**
HTML/ HTML5, CSS/ SCSS, Javascript/ Typescript, Pixel Perfect/ Responsive Design, Bootstrap/ Tailwind/ Material UI/ Styled Components, React.js/ Angular.js/ Vue.js / Next.js/ Vite.js ...

✅ **Backend**
Node.js/ Express.js, PHP/ Laravel, C#/ ASP.NET Core, Python/ Django, Postman ...

✅ **Blockchain**
Web3.js/ Ether.js, Smart Contract(Solidity/ Rust), Wagmi, Hardhat/ Truffle/ Remix, Dapps, Cex, NFT Marketplace, P2E, Alchemy, crypto wallets, networks as EVM, Solana, IOTA, hantasma ...

✅ **DataBase**
MySQL, MongoDB, SQLite, Amazon DynamoDB, S3, PostgreSQL, Supabase ...

✅ **Mobile**
React Native, Java, Flutter, Kotlin ...

✅ **PM Tools**
Github, Gitlab, Trello, Monday, Bitbucket, Jira ...

✅ **Services**
Netlify/Vercel, Docker, AWS, Azure, Amplify, Heroku, IPFS ...

✅ **Others**
Figma, Adobe XD, Webflow, Linux, nginx, Hostinger ...

ACHIEVEMENTS

1000+ designs on Canva
Built over 1,000 unique designs on Canva, showcasing visual design expertise.

New idea for memeFi project
Suggested an idea to widen the project into MemeFi for a client and built it to real.

Contributed an open-source
As a frontend engineer, contributed to the Arena-DAO open-source project and received positive feedback from the CEO.

HOBBIES

📘 **Studying and Reading**

🏉 **Rugby**

⚽ **Soccer**

🎾 **Baseball**

EXPERIENCE

Full-Stack Engineer
CryptoVero.fi
📅 08/2022 - 10/2022   📍 Stockholm, Finland
🔗 https://www.cryptovero.fi/
- Worked as a full-stack engineer alongside the company's strategist
- Contract, Full-Time
- Built CryptoVero.fi website using MERN stack and implemented backend api endpoints of crypto tax analysis & calculation, and transactions of cex, dex and etc
- Arranged components for maximum performance across a vast array of web-capable devices and browsers
- Skills: MERN stack, mui/styled-components, figma, node.js, express.js, crypto tax analysis & calculation, api of coinbase & binance & ethereum & tokentax & taxbit, github, netlify, webhotel

Backend & Smart Contract Developer
Block Ape Scissors Company
📅 03/2022 - 09/2022   📍 Canberra, Australia
🔗 https://blockapescissors.com/
- Contract, Full-Time
- Worked as a backend and smart contract developer
- Implemented trading bot, BAS api for transaction listener and built smart contract of BAS
- Skills: node.js, express.js, web3.js, mongoDB, mongo atlas, mongo compass, solidity, hardhat/remix, api of Ethereum, covalenthq & moralis, github, Heroku, postman

Full-Stack Engineer
Coin Nerds Company
📅 03/2022 - 08/2022   📍 W.Mississauga, Ontario, Canada
🔗 https://coinnerds.ca/
- Worked as a full-stack engineer with CEO of Coin Nerds
- Freelancer, Part-Time
- Updated website and implemented getting forex & crypto currency price using node.js in real time
- Skills: react.js, material-ui, node.js, api of forex & apilayer, foreign exchange (FX) trading, finance, github, nginx, netlify, crypto currencies, crypto wallets, cloudfare

Web3 Engineer
Dtravel Company
📅 01/2022 - 06/2022   📍 Cayman Islands
🔗 https://trvl.com/
- Worked as a web3 engineer in the blockchain team
- Built frontend and vault staking smart contract, and then integrated frontend ui to the staking smart contract
- Skills: react.js, styled-components/mui, figma, ether.js, hardhat/remix, vercel, digital passport, smart contracts (token, staking, pool), evm networks (ethereum, bsc and etc), trello, github

Blockchain Developer
Safu Network
📅 11/2021 - 01/2022   📍 Ras Al-Khaimah, United Arab Emirates
- Worked as blockchain developer of Safu Network Team
- Freelancer, Part-Time
- Built dex platform of Safu Network called SAFUNET DEX by forking pancake swap
- Skills: react.js, web3.js/ether.js, hardhat, smart contracts, forking pancake/biswap/uniswap

ADDITIONAL EXPERIENCE

Senior Frontend Developer   📅 06/2023 - 06/2024
Adrestus LTD

Senior Full Stack Engineer   📅 10/2023 - 12/2023
MC² Finance

Senior Software Engineer   📅 06/2023 - 09/2023
Soteria Smart Contracts Inc.

Senior Software Engineer   📅 06/2020 - 03/2023
NewKnow

Full Stack Engineer   📅 08/2018 - 05/2020
Austin

Lead Full Stack Engineer   📅 07/2017 - 07/2018
PageCloud Inc

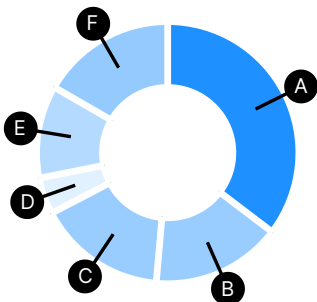**Frontend Web Developer**   📅 04/2016 - 06/2017
CivilCode Inc

Full Stack Developer   📅 07/2015 - 03/2016
Hopper

MY TIME

Ⓐ Web Design
Ⓑ Frontend Development
Ⓒ Smart contract development
Ⓓ Backend handling
Ⓔ Integration to Frontend
Ⓕ Test

LANGUAGES

English
Proficient   ●●●●○

EXPERIENCE

Full-Stack & Web3 Engineer

BitsCrunch Company

📅 09/2019 - 10/2021   📍 Munich, Germany

🔗 https://bitscrunch.com/

- Worked as a team member of blockchain technology solution
- Contract, Full-Time
- Built reusable code for future use and web pages for 5 applications and scalability
- Developed web3 applications as staking platform, DeFi and NFT marketplace using mostly react.js, material-ui and figma designs, and then integrated frontend ui to smart contracts by web3.js

Frontend & Full-Stack Developer

METICULOSITY Company

📅 07/2015 - 05/2019   📍 Kelowna, Canada

🔗 https://www.meticulosity.com/

- Apprenticeship, Full-Time
- Worked as a frontend developer for 3 years, full-stack developer for 2 years
- Identified web-based user interactions and developed responsive user interface components via php and Javascript frameworks concepts
- Assisted in developing the front-end of web2 projects such as marketing, advertising, medicine and school websites
- Skills: html, css/scss, bootstrap/tailwind, php, codeigniter (CI), laravel, modal-view-controller(mvc), angular/react.js, node.js, express.js, mysql, postgresql, magento, github, figma, aws, nginx, linux, jira

MY LIFE PHILOSOPHY

Don't ever let someone tell you that you can't do something.
Not even me.
You got a dream, you are going to protect it.
When people can't do something themselves, they're gonna tell you that you can't do it.
You want something, go get is. Period.

Silas Forrest