RAMESH GIRI

Senior Full Stack and Blockchain developer

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• San Antonio, Texas, United States • he/him

Summary

A highly experienced full stack and blockchain developer who designs, builds, and maintains various web applications, decentralized applications and smart contracts to create secure, transparent, and immutable systems for a variety of industries.

Co-founded Rubyswap, a DEX with 20,000 active supporters. Mastered JavaScript/Typescript, Solidity, Golang and Rust. Extensive knowledge in smart contracts, consensus algorithms, and data structures.

Looking for a job as a Full stack developer and Blockchain Developer that will allow me to build the financial system of tomorrow.

Experience

Ruby.Exchange — https://ruby.exchange/
Blockchain developer

Remote
02/2023 - 12/2023

Ruby.Exchange *is a decentralized exchange (DEX) built as an Automated Market Maker (AMM) powered by NFT's for a gamified user experience.*

- Architected and executed numerous social media applications on a decentralized network using Next.js, Tailwind CSS, and Web3.js/Ethers.js; revolutionized user experience and increased platform user base by 60% in 6 months.
- Reduced costs by 40% using Ethereum smart contracts to automate supply chain management processes.
- Found test-driven solutions with hardhat for Solidity development and dealt with contract vulnerabilities and attacking styles.
- Worked on various networks including Ethereum, Solana, Polygon.
- Developed and deployed 10+ NFT minting/staking platforms.

Xion Finance — https://xion.finance/
Smart Contract Developer and Auditor

Remote
04/2021 - 11/2022

Xion Finance *is a DeFi protocol for swapping and bridging crypto assets at the best rates.*

- Created smart contracts to facilitate automated transactions on the Ethereum network.
- Developed token and DEX platform on Ethereum network.
- Collaborated with a team of best-in-class Solidity developers to bring innovative DeFi ideas to life.

Makura Creations — https://makuracreations.com/
Full stack Developer

Nepal
03/2019 - 03/2020

Makura Creations, i*s a leading IT solution provider in Nepal with expertise on Web design/development, Software development,Mobile app*

- Wrote front-end code, back-end code, integrated 4+ with frameworks and APIs, and utilized multiple CLI tools and configuration GUI's. Led architecture, design, and development of 30+ new features.
- Presented and conveyed ideas and designs with 4+ technical teams and 12+ business partners.
- Developed 40+ applications following Agile product development methodologies.
- Oversaw the development and maintenance of new products, technical documentation and workflows.

Autotroph Infotech
Front End Casino Game Developer

India
03/2017 - 12/2018

- Participated in front-end development of several casino games such as slot games, aviator games, coin flip games, roulette games, and lucky spin games using React and Pixi.js.
- Ensured high-performance and flexibility in each games.
- Implemented provably fair RNG and ensured reasonable RTP for the entire game.

NetEase Games — https://www.neteasegames.com/m/
Front End Internship

China
11/2015 - 12/2016

NetEase *is a Chinese Internet technology company providing online services centered on content, community, communications, and commerce.*

- Worked on the real-estate website and ecommerce website with React, Redux, SCSS and webpack.
- Developed high-quality modular and reusable components for all web projects.

Projects

RubySwap
Remote
03/2022 - 07/2023

https://exchange.rubyswap.finance/swap

RubySwap is a decentralized exchange built on the Binance Smart Chain that allows users to swap BEP-20 tokens.

- Developed frontend UI and wrote and deployed smart contracts so that provide users with a seamless trading experience while also offering low fees and fast transaction speeds.
- Integrated with Binace Smart Chain, which enables users to trade BSC-based tokens directly from their wallets without the need for a centralized intermediary.
- Tech-Stack: Next.js, Web3.js, Ethers.js, Solidity.

Xion Finance
Remote
04/2021 - 11/2022

https://xion.finance/

Xion Finance offers various DeFi services and features, including yield farming, staking, and a decentralized exchange (DEX).

- Wrote smart contracts and deployed on Etherem Blockchain.
- Implemented Staking functionality and DEX.
- Tech-Stack: Next.js, Solidity, Web3.js, Ethers.js.

BollyGaming
India
03/2017 - 11/2018

https://lobbyuat.bollygaming.games/

Casino games like slot games, aviator games, coinflip games, roulette games.

- Built visually appealing frontend ui using React from the Figma design.
- Ensured high performance animation using Pixijs.
- Integrated backend api and implemented socket communication for real time.
- Tech-Stack: React, Pixijs, Laravel, Node.js.

PROGRAMMING LANGUAGES AND TECH-STACK

React · Next.js · Node.js · ExpressJS · Redux · Pixi.js · GraphQL · MongoDB · PostgreSQL · Web3.js · Smart contract · Ethers.js · Solidity · Solana · GraphQL · Rust · Golang · SubGraph · Cross-chain · Zustand · Firebase · Supabase · Amazon Web Service

Tool / Technology

Education

Hebei University of Technology
Tianjin, China
04/2011 - 03/2015

Bachelor of Computer Science

Languages

English Native ● ● ● ● ●

Chinese Native ● ● ● ● ●