

# MATT GALLAM

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Experienced Blockchain Developer with a robust background in designing and implementing and optimizing decentralized applications using a variety cutting edge Technologies. Proficient in deploying blockchain solutions on cloud platforms. Specialized in developing Web3 solutions to facilitate seamless interactions with decentralized networks. Enthusiastic about contributing to team success through meticulous work, attention to detail and expertise to drive innovation and deliver exceptional results. Adaptable to new technologies and work pressure to enhance organizational goals from concepts to successful execution

## SKILLS

- Blockchain:** Smart Contracts, Solidity, DApps, DeFi, Exchanges, Token Development (ERC20, ERC 721, ERC1155), NFT Marketplace, Web3Js, EtherJs, Wallets, Remix, Truffle, Hardhat, Layer2
- Full Stack:** ReactJs, Redux, Material UI, Tailwind CSS, SCSS, NodeJS, NestJs, Next.js, GraphQL, Sequelize, Express, Mongoose, Socket.io, Axios, Jest
- Databases:** MongoDB, PostgreSQL, Redis, SQL Lite, MySQL
- DevOps:** AWS(CI/CD), Docker, Kubernetes
- Others:** GitHub, Postman, ClickUp, Asana, Jira

## EXPERIENCES

| Senior Software Engineer        | Gauge  | 03/2021 - Present |
|---------------------------------|--|-------------------|
| <b>Smart Contracts:</b>         | Proven track record in developing secure, cost-effective smart contracts including exchanges, staking, ICO, and liquidity pools.   |                   |
| <b>DeFi Applications:</b>       | Proficiently handled projects such as treasury management, derivative assets, oracles, stakes, bonds, tax tokens, proxy contracts, referrals, escrow, tokenomics, and SPL token development.   |                   |
| <b>Exchange Implementation:</b> | Implemented an exchange aggregator resulting in a 50% improvement in performance and cost efficiency.  |                   |
| <b>Project Management:</b>      | Utilizing cutting edge tools and technologies to ensure high quality and secure blockchain solutions.  |                   |
| <b>Coding Practices:</b>        | Focusing on software development best practices, design principles, and problem-solving skills through pair programming sessions and code reviews.   |                   |
| <b>Code Contributions:</b>      | Contributed to the development of launch pads, airdrops, contract audits, NFT market places, cross-chain bridges, token wrapping and swapping, and web3 authentication solutions.              |                   |
| Backend Software Engineer       | Next Link Labs   | 07/2017 - 01/2021 |
| <b>Leading Development:</b>     | Communication with clients to meet their business needs, mentoring junior developers, practicing agile development methodologies including sprint planning, daily standups and retrospectives. |                   |
| <b>Solutions Development:</b>   | Played a key role in crafting advanced web3 solutions, emphasizing high-performance architectures.   |                   |
| <b>Withdrawals Mechanism:</b>   | Developed a secure funds handling mechanism for ICOs, ensuring smooth withdrawals through multi-signature wallets.   |                   |
| <b>Tokenization:</b>            | Developed and deployed ERC20, ERC721, and ERC1155 tokens, integrating them with wallets and web3 applications.   |                   |

- Ledger Management:** Designed and implemented enterprise-based ledger management desktop applications using Tkinter and ElectronJS.
- Improved Backend:** Developed a scalable backend system using Node.js and Express.js, resulting in a 30% improvement in response times.
- Database Optimization:** Implemented MySQL database optimizations, reducing query execution times by 25% and enhancing overall system performance.
- API Integration:** Successfully integrated third-party APIs for payment processing, enhancing the functionality of the e-commerce platform.



## PROJECTS

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### Zahnymous

- Spearheaded the development of the backend NestJS API, utilizing MongoDB for data storage and seamless integration with payment gateways.
- Formulated and implemented smart contracts to automate the seamless flow of funds and assets between users.
- Collaborated closely with the team to rigorously test and deploy the solution, guaranteeing a smooth and reliable user experience.

### CryptoKara

- Orchestrated the creation of a cross-chain exchange, empowering users to stake, swap tokens, and utilize a web3 browser.
- Took charge of developing and maintaining smart contracts, a ReactJS interface, and integrations to ensure broad compatibility and accessibility.
- Achieved a remarkable milestone with over 100k active users, experiencing rapid growth.

### Wei Crypto

- Engineered and sustained a customized version of the Dash blockchain with modified configuration.
  - Optimized rewards distribution, leading to a notable surge in the adoption of wei crypto.
  - Played a pivotal role in the core development of wallet and transactions modules, enhancing their security, performance, and scalability.
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