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Keaton McCune | Linkedin Github Website

INTRODUCTION

I'm a dynamic technical leader with 8+ years of experience, transitioning from self-taught hacking and full-stack web development to spearheading innovations in cryptography, blockchain technology, quantum laser communication, and embedded AI software. My journey began in cybersecurity and software development, where I bootstrapped platforms and security teams for startups across various funding stages. Today, I lead groundbreaking efforts at the forefront of technology, developing new theoretical working models for quantum laser communication solutions and advancing embedded AI software related products to redefine industry standards across various platforms.

EXPERIENCE

Advice Analytics

Sr Software Engineering Manager / Developer

MAR 2024 - PRESENT

- **Led MVP Development and Market Launch of CommsAI V2**: Established the foundation and delivered the Minimum Viable Product (MVP) for CommsAI V2, successfully launching it into the market. This platform is utilized by enterprise-level firms and financial advisors with diverse skill sets.
- **Revamped UI/UX with Progressive Web Application**: Redesigned and developed a full-stack progressive web application, providing a seamless user experience that simulates native mobile app UI/UX.
- **Integrated GenAI into CommsAI V2**: Implemented GenAI technology within CommsAI V2 using a hybrid stack, focusing on optimizing JSON payload structure and data input/transmission for enhanced performance and functionality.

iDeFi.AI

Co-founding CTO/CPO

OCT 2023 - PRESENT

- **Developed GenAI Security Firewall for Blockchain Transactions**: Created sophisticated algorithms and machine learning Python scripts to leverage artificial intelligence, enhancing security for on-chain transactions within blockchain networks.
- **Continuously Enhanced Algorithms and Machine Learning Models**: Conducted ongoing data extraction and investigations to optimize algorithms and machine learning models, integrating GenAI and OpenAI-based technologies for dynamic improvements.
- **Established Enterprise-Grade API Suite**: Bootstrapped and deployed an enterprise-level API suite, empowering developers to access and integrate trust scoring algorithms into their applications, bolstering security measures.

Gym2Gym

Co-founding Product Officer

NOV 2022 - FEB 2024

- **Strategic Collaboration for MVP Launch and Seed Funding**: Collaborated closely with the CTO and CEO to launch a successful Minimum Viable Product (MVP) and secure seed funding, advancing the platform from a pre-seed prototype to preparation for a series round entry.
- **Developed Technical Overview and Go-to-Market Strategy**: Crafted and implemented a comprehensive technical overview and go-to-market strategy, instrumental in securing additional capital for platform development and expanding the technical team.
- **Led Product Design and Full-Stack Technical Support**: Played a pivotal role in overall product design and provided comprehensive full-stack technical support, including for the platform's mobile application and progressive web application.

LifeDeFied

Founding CTO

JAN 2022 - EXITED AUG 2023

- **Led Design, Research, and Development of PoS Blockchain Platform**: Spearheaded the design, research, and development of a groundbreaking Proof-of-Stake (PoS) Blockchain Platform. From inception to execution, orchestrated the creation of core features including Asset Tokenization, Cold Storage Security, Stable Utility Tokens/NFTs, and decentralized mobile applications.
- **Established Technical Foundation for Team Success**: Built and implemented the foundational architecture of the platform, providing a robust technical framework for the entire development team. Conducted extensive research and prototyping to validate key concepts and ensure scalability and security at every stage of the project lifecycle.
  Recognized for Innovation and Excellence: Acknowledged in a Chainlink Labs article titled Web3 Marketing: Tactics, Tools, and Metrics or bootstrapping the platform and establishing a customer base for the project that exceeded over 16K+ whitelisted subscribers within just a few weeks.

StandardDAO

Blockchain Security Advisor

OCT 2020 - JUL 2022

- **Provided Strategic Technical Guidance**: Offered valuable technical guidance to team members and leaders within pre-seed startups, staying abreast of blockchain technology trends to deliver innovative insights and support.
- **Pioneered FullStack Hybrid Web2/Web3 Platforms**: Developed and established foundational architecture for FullStack Hybrid Web2/Web3 platforms and marketplaces, leveraging cutting-edge technologies to create versatile and scalable solutions.
- **Delivered Comprehensive Technical Support**: Supplied essential technical tooling, testing frameworks, security auditing, and best practices to empower development and security teams, ensuring robust and secure implementation of projects.

Magnum E-bikes

Head of IT and Growth Hacking

OCT 2019 - JUN 2020

- **Social Media Automation and Growth Hacking**: Proficient in automating social media tasks using Python and Shell scripting to optimize engagement and growth strategies.
- **Mobile and Web App Development**: Skilled in developing responsive and user-friendly applications using ReactJS, React Native, NodeJS, and NextJS, specializing in cross-platform and progressive web app (PWA) development.
- **WordPress Customizations and Optimizations**: Expertise in customizing and optimizing WordPress websites using JavaScript (JS), HTML, CSS, PHP, and SEO best practices to enhance performance and user experience.

Tesla Motors

Master Remote Technician

FEB 2017 - OCT 2019

- **Expert Diagnostics and Error Resolution**: Diagnosed software and hardware errors by analyzing syslogs within a Linux/shell environment. Resolved multiple error codes efficiently through comprehensive troubleshooting, graphing, plotting, and implementing over-the-air software fixes, significantly reducing physical service center visits.
- **Knowledge Documentation and Training**: Developed and updated detailed troubleshooting guides to educate customer care, supervisors, and managers on resolving both new and pre-existing issues, improving overall support efficiency.
- **Effective Communication and Collaboration**: Facilitated productive weekly meetings with team members, customer care, supervisors, and managers to discuss projects, address challenges, and enhance coordination across departments.
- **Demonstrated Multitasking and Technical Support**: Exhibited exceptional multitasking skills in a fast-paced environment, providing software and technical tooling training and support to team members while staying updated with the latest software development tools and techniques.
- **Consistent Performance Excellence**: Achieved the lowest number of personal diagnostic cases within the company, reflecting a commitment to efficiency and quality in problem-solving

SKILLS

1. Technology Leadership:

- Strategic Technology Planning
- Visionary Leadership
- Technology Roadmapping
- Innovation Management

2. Blockchain Technology:

- Distributed Ledger Technology
- Smart Contracts
- Cryptocurrency Knowledge
- Decentralized Applications

3. Cybersecurity:

- Information Security
- Risk Management
- Security Architecture
- Incident Response Planning

4. Hacking and Penetration Testing:

- Ethical Hacking
- Penetration Testing
- Vulnerability Assessment
- Cyber Threat Intelligence

5. Quantum Computing:

- Quantum Algorithms
- Quantum Information Science
- Quantum Cryptography
- Quantum Machine Learning

6. Full Stack Development:

- Frontend Development
- Backend Development
- Database Management
- API Design and Integration
- Mobile Application Development

7. Cloud Computing:

- Cloud Architecture
- Cloud Service Providers (AWS)
- Serverless Computing
- Cloud Security

8. Data Science and Analytics:

- Data Mining
- Machine Learning
- Predictive Analytics
- Big Data Technologies

9. Software Development Methodologies:

- Agile and Scrum
- DevOps Practices
- Continuous Integration/Deployment

10. Project and Program Management:

- Project Planning and Execution
- Budgeting and Resource Management
- Agile Project Management
- Risk Management

11. Strategic Planning:

- Technology Strategy Development
- Business Alignment
- Digital Transformation
- Competitive Analysis

12. Communication and

Interpersonal Skills:

- Effective Communication
- Team Leadership
- Stakeholder Management
- Collaboration and Team Building

13. Regulatory Compliance:

- Data Protection Regulations
- Industry-specific Compliance
- GDPR, HIPAA, etc.

14. Networking and Infrastructure:

- Network Architecture
- Infrastructure Planning
- Scalability and Performance
- Disaster Recovery Planning

15. Financial Acumen:

- Budgeting and Cost Control
- ROI Analysis
- Contract Negotiation
- Vendor Management

16. Legal and Intellectual Property:

- Intellectual Property Management
- Technology Contracts
- Licensing and Compliance

17. Continuous Learning:

- Keeping up with Technical Trends
- Professional Development
- Lifelong Learning