

DHIVAKAR RAJARAM

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PROFESSIONAL SUMMARY

Research-driven Blockchain & AI Engineer with startup experience leading zero-to-one product development. Expertise across blockchain protocols, privacy-preserving systems, applied AI/ML, full-stack engineering, infrastructure, and technical leadership.

WORK EXPERIENCE

Vee4 Software

Remote (Dubai / Chennai)

Blockchain Developer | Tech Lead (Startup)

September 2023 – Present

- Led end-to-end development of blockchain products from research and architecture to production deployment
- Designed and implemented systems across LWS, EVM, and Monero-based blockchains
- Built core backend systems in C++, smart contracts in Solidity, and WASM / JS / TS frontends
- Researched and applied privacy-preserving cryptography, including Bulletproofs++
- Integrated ERC-4337 (Account Abstraction) for advanced wallet and transaction workflows
- Applied AI/ML techniques for automation, analytics, and system optimization
- Owned AWS and dedicated server infrastructure, Nginx, CI/CD, and deployment automation
- Acted as Tech Lead, mentoring engineers and collaborating with product, design, marketing, and mobile teams

Blockhash Technologies

Chennai, India

R&D Blockchain Engineer (Startup Environment)

February 2022 – December 2022

- Conducted blockchain, cryptography, and privacy research, translating papers into production systems
- Designed and built a privacy-focused blockchain chat application from scratch
- Defined and enforced security and privacy features end-to-end
- Developed secure backend servers supporting real-time chat and messaging
- Led a small engineering team and worked closely with Android, iOS, product, design, and marketing teams

EDUCATION

Postgraduate Diploma in Artificial Intelligence & Machine Learning – Indian Institute of Technology (IIT)

Bachelor's Degree in Electronics & Communication Engineering

SKILLS & INTERESTS

Skills: Blockchain Architecture, EVM, LWS, Solidity, ERC-4337, Privacy & Cryptography (Bulletproofs++), Applied AI/ML, Machine Learning, Deep Learning, Computer Vision (CNNs), NLP & Sentiment Analysis, C++, Python, JavaScript, TypeScript, Backend API Design, TensorFlow, Scikit-learn, Pandas, AWS, Nginx, CI/CD, Automation

Interests: Blockchain protocol research, applied AI systems, privacy-preserving technologies, startup product building, mentoring engineers

Additional: Research-to-Production Engineering | Zero-to-One Startup Development | Technical Mentorship

SELECTED ACHIEVEMENTS & RESEARCH

- Winner – RoboWars, IIT Madras (Shaastra)
- Winner – RoboWars, NIT Trichy (Pragyan)
- Quarterfinalist – Texas Instruments Innovation Challenge (IIDC)
- Finalist – National-level hackathons (Pragyan, Shaastra, HITSATHON)
- Built Neurocom, an EEG-based brain-to-brain communication system using signal processing and ML
- Experience translating research papers into production-grade blockchain and AI systems