ALAYHAM ALMAJALI

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Professional Summary

AI developer and blockchain enthusiast with a focus on decentralised applications, DeFi, and smart contracts. Experienced in building secure, scalable solutions in the Solana ecosystem by combining artificial intelligence, encryption and user-centric design. Driven to advance blockchain technology with practical and accessible tools.

Work Experience

Genius AI Creator – AI Predictions (Freelance)

Sep 2025 – Present | Remote

- Conceptualised and developed AI prediction systems to forecast trends, behaviours and outcomes across financial markets and digital platforms.
- Designed machine learning pipelines using Python, TensorFlow and time-series modelling to optimise accuracy and scalability.
- Built prototypes that processed real-time data streams with predictive analytics, delivering actionable insights for trading, risk management and decision support.
- Integrated AI-driven forecasting into decentralised applications using blockchain and Web3 tools.
- Documented research and open-sourced key modules on GitHub, improving predictive accuracy vs baseline models.

Founder – SolCipher (Self-employed)

Jun 2025 – Present

- Founded SolCipher, a decentralised file-sharing dApp on Solana focused on secure document exchange.
- Directed cross-functional teams in blockchain, AI and cybersecurity to develop enterprise-ready solutions.
- Implemented AES-GCM encryption and AI-driven anomaly detection, enhancing security for user content.
- Achieved seamless integration with Phantom Wallet and IPFS storage, improving user experience and promoting adoption.

Projects

SolCipher

Jul 2024 – Present

- Developed a decentralised app on Solana for secure document sharing.
- Leveraged AES-GCM client-side encryption, Anchor smart contracts, IPFS via Web3.Storage and Phantom Wallet for end-to-end encrypted file sharing with access control and auto-expiration.
- Built with Rust, React and the Web Crypto API; supports secure exchange of legal contracts, medical records and other sensitive data.

SolCipher Wallet

Jul 2024 – Present

- Created a Solana-based encrypted file-sharing wallet where files are encrypted client-side and stored on IPFS while minimal metadata is kept on-chain.
- Integrated Next.js, Solidity and Thirdweb to enable transparent campaign creation, crypto funding and administration.

Education

Mutah University – Bachelor of Technology (BTech), Artificial Intelligence

Oct 2020 – Present | Fourth year

- Active AI and Data Science student at the College of Information Technology specialising in machine learning, deep learning, data analysis and AI-driven innovation.
- Activities & Societies: Former player for the university football team and successful manager of multiple university teams, leading them to strong performances and achievements.
- Experienced in developing projects with Python, TensorFlow and cloud platforms; engaged in research, hackathons and decentralised technologies.

Certifications

- **AI CREATORS PROGRAM** – AI Predictions (Issued Sep 2025).
- **Become a Blockchain Developer** – Covers cryptography, blockchain fundamentals and Ethereum.
- **Become an AI Engineer** – Focus on neural networks, machine learning and Python.
- **Corporate Finance Foundations (CFI)** – Corporate finance, financial statement analysis and Excel.
- **DevOps Foundations: Continuous Delivery/Continuous Integration** – CI/CD and DevOps fundamentals.
- **Advance Your Career as an Administrative Professional** – LinkedIn Learning (Issued Aug 2025).

Skills

- Blockchain & Web3: Solana, Ethereum, smart contracts, Node.js, Hyperledger, Rust, Anchor.
- AI & Machine Learning: Python, TensorFlow, deep learning, data analysis, neural networks.
- Security & Encryption: AES-GCM, IPFS, Web3.Storage, encryption protocols.
- Software & DevOps: Rust, React, Next.js, Solidity, Thirdweb, CI/CD pipelines, Git.
- Finance & Business: Corporate finance, DeFi, Web3 investing, financial analysis.
- Soft Skills: Research, critical thinking, team leadership, project management.