Muhammad Abubakar

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EXPERIENCE

OVEX TECHNOLOGIES | Blockchain Developer
25th July 2025 – Present | Onsite

- Gained hands-on experience with Bitcoin protocol and fork development, modifying consensus parameters and network configurations.
- Worked with Bitcoin Core (Qt Wallet) for customization, testing, and wallet management.
- Assisted in building and maintaining a blockchain explorer to track blocks, transactions, and network activity.
- Worked on the Centralized exchange powered by Bitcoin based blockchain fork.
- Worked on the Smart contract for the real state Tokenization project using the solidity Hardhat, metamask and other decentralized tools.
- Deployed the blockchain at inhouse server.
- Explored Bitcoin Lightning Network for fast off-chain transactions and scalability solutions.
- Implemented and tested on-chain transactions and worked on mining setup/configuration for validation processes.

FORHOPPS INC | Software Developer
July 2025 – Aug 2025 | Remote

- Contributed to the development of a scalable SaaS platform leveraging the MERN stack, focusing on building robust backend APIs and seamless React-based user experiences.
- Integrated AI-driven chatbot solutions to enhance customer engagement, automate support workflows, and improve user retention.
- Customized and embedded the TipTap rich-text editor, enabling advanced content creation features with extensibility for future platform requirements.

PROJECTS

SWAP21 | Centralized Crypto Exchange
Click here to view

- Worked at Ovex Technologies on this product in which I handle the blockchain part, created a Blockchain explorer, handle wallet creation and transaction flow.
- Worked on the legacy Blockchain which is the fork of the Bitcoin, handle the deployment, transaction speed and logic, wallet creation and handling mining structure.

SUGAR EXCHANGE | Crypto Exchange Platform
June 2025 | COMSATS University Islamabad
Click here to view

- Developed a full-stack cryptocurrency exchange platform using the MERN stack (MongoDB, Express.js, React, Node.js). Integrated CoinGecko API and TradingView widgets for real-time market data.
- Features include user registration, paper trading (simulated), portfolio tracking, and trading history logging. Emphasis on responsive UI, live updates, and efficient client-server communication.

EDUCATION

COMSATS UNIVERSITY ISLAMABAD
Bachelor of Science in Computer Science
Expected July 2027 | Islamabad
GPA: 3.47 / 4.0

SKILLS

PROGRAMMING
• Blockchain • Solidity • Qt-wallet • Web3 • Bitcoin • Hardhat • Truffle • Ether.js • Metamask • IPFS storage • JavaScript • Node.js • React • Smart Contract • MongoDB • MySQL • Express.js • PostgreSQL • AWS • S3 buckets

TECHNOLOGY
Git/Github • Jira • Linux • WSL • Ubuntu • VS Code • Dockers • Remix • MetaMask • Vercel • Netlify • AWS

SOCIETIES

Web3 at Google Developers Group on Campus (GDGoC CUI)

LINKS

Github:// **ItsAbubakarDev**
LinkedIn:// **dev-muhammad-abubakar**