Jane Rose
Software Developer | Blockchain Enthusiast | Cybersecurity Learner
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GitHub: https://github.com/Mujojo03

Professional Summary

Passionate and curious developer with a strong foundation in software engineering, blockchain, and cybersecurity. Skilled in building scalable, user-focused solutions using Python, C#/.NET, and web technologies. Committed to solving real-world problems through clean code and innovative thinking, with a proven track record in delivering impactful projects.

Technical Skills

- Languages: Python, C#/.NET, JavaScript, HTML5, CSS3, SQL
- Frameworks/Tools: .NET Core, Git, Docker, REST APIs
- Concepts: Blockchain (Bitcoin), Data Structures, Algorithms, Object-Oriented Programming
- Other: Agile Methodologies, Unit Testing, CI/CD Basics

Key Projects

Health Appointment System (2024)

- Created a .NET API for patient appointment booking and doctor management, ensuring GDPR compliance.
- Designed RESTful endpoints with role-based access control.
- Integrated automated reminders and calendar synchronization.
- Secured sensitive data with encryption and authentication.
- GitHub: https://github.com/yourusername/health-app

SatSoko: Bitcoin Lightning Network Marketplace (2024)
- Engineered a decentralized marketplace leveraging Bitcoin's Lightning Network for fast, secure, and low-cost transactions.
- Implemented robust encryption protocols to safeguard user wallets and transaction data.
- Designed an intuitive front-end interface using HTML and CSS for seamless user interaction.
- Integrated Lightning Network APIs to enable real-time payment processing and transaction tracking.
- GitHub: https://github.com/Mujojo03/BitMarket

Expense Tracker (2023)

- Developed an interactive web application to help users manage and analyze personal or business expenses.
- Built secure backend infrastructure using Python and SQL for efficient data storage and retrieval.
- Created dynamic dashboards with progress tracking and customizable reporting features.
- Ensured data integrity with input validation and secure session management.
- GitHub: https://github.com/Mujojo03/ExpenseTracker

Education BSc in Computer Science (Ongoing, Expected 2026)
KCAU University, Nairobi Kenya

- Coursework: Software Engineering, Data Structures, Algorithms, Cybersecurity, Blockchain
- Relevant Projects: Developing secure APIs, blockchain simulations

Interests

- Deeply curious about Bitcoin and blockchain technology, cybersecurity, backend systems, and ethical hacking.
- Actively explore AI, machine learning, and distributed systems through self-study and hands-on projects.
- Enjoy contributing to open-source projects and attending tech meetups to stay current with industry trends.

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