ZACKARY XAVIER ZATIZABAL

CYBERSECURITY | SOFTWARE DEVELOPMENT | GRAPHIC DESIGN

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PROFILE SUMMARY

Cybersecurity student at Western Governors University with a strong foundation in both software and hardware technologies. Experienced in full-stack development, network and application security, and device troubleshooting. Successfully built multiple full-stack applications, utilities, and automation tools, combining technical skill with creative problem-solving. Skilled in full-stack programming, graphic design, and the repair of smartphones, laptops, and other consumer electronics. Passionate about offensive security, biotech, and applied hardware/software security, with a focus on building secure, efficient, and user-friendly solutions.

EDUCATION

Western Governors University | 06/2024 - **Current**

University of Omaha Nebraska | 08/2023 - 01/2024

CERTIFICATIONS

- CompTIA A+

SKILLS

- Linux, Windows, Mac, Android (10/10)
- Hardware Repair (9/10)
- Python 10+ years (9/10)
- Javascript/Node 4-5 years (9/10)
- Board-level/Soldering repairs (6/10)
- C# 1 year (4/10)

SOFTWARES

- Photoshop/Adobe suite
- AWS/Azure/GCP
- Anydesk
- Burp Suite
- Docker
- Git

WORK EXPERIENCE

VeXro: Cryptocurrency Exchange | May 2025 – Present

Full Stack Developer

vexro.io

Lead developer for a crypto exchange and automated trading platform where users invest in predictive trading engines (bots) that execute trades on their behalf. Designed and implemented secure front-end and back-end systems, real-time market data integration, portfolio tracking, and analytics dashboards. Built scalable APIs and automation pipelines to support algorithmic trading strategies, user onboarding, and secure wallet management.

Synapse Solutions LLC | B2B SaaS Startup | August 2024 – Present

Full Stack Developer

synapsesolutions.ltd

Lead developer for the company's flagship CRM platform for businesses, managing both front-end architecture as well as back-end infrastructure. Designed custom modules for lead tracking, workflow automation, and data analytics. Implemented secure authentication, API integrations, and optimized database performance for high availability. Provide ongoing product improvements, feature expansions, and technical support across multiple software initiatives under the company umbrella.

PROJECTS/CODEBASES

LinuxRemote | Bash | May 2025

github.com/Zzatiz/linuxRemote

- Lightweight Telegram bot for remote access Linux OS management with features including IP geo-location, reverse-SSH, encrypted file storage, secure file wiping, as well as cloud sync for anti-theft protection.

Geppetto Browser | NodeJS | Febuary 2025

github.com/Zzatiz/Gepetto-Browser

- Puppeteer fork upgraded to bypass anti-bot web metrics. Includes multiple CAPTCHA solving modules, proxy rotation, as well as advanced fingerprint protection to provide streamlined and scaled web scraping and form entry.

CustomFriend | Python | December 2023

github.com/Zzatiz/CustomFriend

- AI-powered chat bot with a stack of Telegram, ChatGPT, Whisper, ElevenLabs, as well as Stripe API's altogether providing; realistic personable answers (OpenAI), voice and text message two way conversation (Telegram, Whisper, ElevenLabs), all on a subscription managed basis (Stripe).
- Implemented custom personalities, secure payment handling, persistent user sessions including LLM conversation context altogether stored in SQLAlchemy.