

Garry Alexander

*Full Stack Developer
DevOps Engineer
Frontend Architect*

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CONTRIBUTION

Web3 DeFi Collaboration

Discord Project
Collaborated as Research and Development on DeFAI (**Decentralized Finance AI**) for stablecoin cross-chain by leveraging AI solutions, working with a globally distributed team across multiple countries and backgrounds.

Electron-based Linux AI Suite

Personal Project
Created a cross-platform solution for accessing multiple AI services (**Grok, ChatGPT, Claude, Deepseek, Manus, and Perplexity**) through a single, convenient application packaged as a Linux AppImage using Electron.

EDUCATION BACKGROUND

Technology of Information System (Drop Out)

Binus University
2012 – 2015 | Tangerang, Indonesia

SUMMARY ANALYSIS

Full Stack Developer and DevOps Engineer with 8+ years delivering production-grade applications for distributed, remote-first teams across multiple time zones. Specialized in asynchronous collaboration, self-directed development, and documentation-driven workflows and remote collaboration using React.js, Next.js, TypeScript, Node.js, Docker, and CI/CD automation.

Proven track record reducing development cycles by 30% through AI-assisted workflows while maintaining real-time applications with faster iteration and development cycles through autonomous, timezone-flexible operations. Experienced in Agile/Scrum methodologies, asynchronous standup protocols, and virtual team coordination using Slack, Discord, GitHub, and modern project management tools.

PROFESSIONAL EXPERIENCE

DevOps Engineer Section | Fully Remote and Async-First RnD

2025 – 2025 | Dubai (Remote)

Architected and deployed production-grade multi-chain cryptocurrency intelligence platform serving distributed Telegram communities with real-time market analytics across 6+ blockchain networks. Led autonomous full-stack development in remote async environment with zero on-site oversight.

Backend Architecture & API Development

- Engineered Telegram bot processing multi-chain crypto analytics with modular service architecture integrating 5+ external APIs.
- Developed WebSocket-based streaming infrastructure for whale-tracking and DEX transaction monitoring achieving sub-second latency for 10,000+ daily alerts
- Designed RESTful API endpoints for alpha signal distribution, social intelligence aggregation, and trend monitoring

Infrastructure & Database

- Deployed containerized applications via Docker with multi-stage builds and Puppeteer integration for headless chart generation, reducing deployment time by 40%
- Architected MongoDB/Mongoose database schemas with in-memory fallback mechanisms ensuring zero-downtime operation during 99.9% uptime
- Implemented caching strategies and rate-limiting reducing third-party API calls by 80% while maintaining real-time data accuracy
- Configured CI/CD pipelines using GitHub Actions for Railway deployment with automated health monitoring and horizontal auto-scaling

Advanced Features

- Built automated market monitoring polling external APIs with smart cooldown logic and alert distribution
- Developed Canvas-based visualization system generating PnL cards and chart captures with anti-detection measures
- Created token security analysis pipeline (LP burn checks, holder distribution, fraud detection across chains)

Dashboard

- Developed Next.js 15 admin dashboard with TypeScript, TanStack Table, and Three.js 3D analytics, reducing manual monitoring time by 60% for operations team

TECHNICAL COMPETENCIES

Programming ● ● ● ● ●

Languages & Frameworks

JavaScript (ES6+), TypeScript, Node.js, Python, React.js, Next.js (App Router, SSR, API Routes), Vue.js, Express.js, HTML5, CSS3

Frontend Development & UI ● ● ● ● ●

Tailwind CSS, Bootstrap 5, Shadcn UI, TanStack, Framer Motion, GSAP, Three.js, Responsive Design, Performance Optimization (bundle analysis, code splitting, lazy loading)

Backend & Database ● ● ● ● ●

RESTful API Development, WebSocket (real-time applications), MongoDB, Mongoose, Multi-chain Blockchain Integration (Ethereum, Solana, BSC, Polygon, Base, Arbitrum)

DevOps & Infrastructure ● ● ● ● ●

Docker (multi-stage builds, containerization), CI/CD Pipelines (GitHub Actions), Git/GitHub, Vercel, Railway, Netlify, Zero-downtime Deployment, Caching Strategies, API Integration, Telegram Bot Development (Telegraf.js) and Puppeteer (headless automation)

Development Tools & Workflow ● ● ● ● ●

Bun, npm/Yarn, ESLint/Prettier, Cursor IDE, Windsurf, Claude Code, Warp Terminal, MCP (Model Context Protocol) Integration, AI-Assisted Development

Collaboration & Methodologies ● ● ● ● ●

Agile/Scrum, Remote Team Collaboration, Asynchronous Workflows, Cross-functional Communication, Slack, Discord, Jira, GitHub Projects

Front End Developer (Web & Mobile) | Full Time On-Site

Realta Chakradarma

2021 – 2025 | Central Jakarta, Indonesia

Led frontend architecture modernization and AI-integrated development workflows for hospitality management platform serving enterprise clients, collaborating with cross-functional teams using Agile/Scrum methodologies and Daily Stand-up Huddle.

Development & Performance:

- Migrated legacy frontend from Bootstrap5 and Wordpress to Next.js (SSR) with TypeScript, improving application performance by 35% and reducing load times
- Built scalable component libraries using atomic design principles, reducing development time by 20% across product teams
- Integrated AI-assisted workflows cutting development cycles by 30% while maintaining code quality and faster production through repeatable trial and error (A/B testing) with internal cross-team feedbacks

UI/UX & Engagement:

- Implemented Framer Motion and GSAP animations, integrated Webflow with existing Bootstrap infrastructure in collaboration with Marketing division, boosting user engagement by 30%

Customer Solutions:

- Integrated AI Chatbot into Flutter Mobile App for customer service chatbot, reducing support costs by 10% through automated query handling

Bumame Pharmacy Software Implementation | Full Time On-Site

Realta Chakradarma

2020 – 2021 | Central Jakarta, Indonesia

Served as technical liaison between Realta development teams and Bumame Pharmacy operations, implementing custom healthcare IT solutions for pandemic-era laboratory testing workflows

Implementation & Operations:

- Implemented end to end testing workflows for pandemic era lab operations, achieving zero downtime and 100% accurate lab result delivery throughout deployment year
- Acted as bridge between client stakeholders and internal engineering teams to deploy custom-tailored IT solutions meeting operational requirements during COVID-19 testing surge
- Monitored and guided laboratory staff through new software processes, ensuring compliance with healthcare standards and smooth adoption

Software Quality Control | Full Time On-Site

Realta Chakradarma

2017 – 2020 | Central Jakarta, Indonesia

Contribute quality assurance processes for internal enterprise-level business management systems, conducting comprehensive testing and translating business workflows into technical documentation

Quality Assurance & Testing:

- Reduced critical software bugs by 30% through systematic QA processes using Selenium and Cypress for automated and manual testing
- Conducted rapid testing for enterprise-level Personal, Payroll, Quality Assurance, HR, and Hotel Management Systems ensuring system reliability and performance
- Analyzed and optimized business workflows, translating business processes, schemas, and flowcharts into detailed user manuals and documentation using Robohelp and XML, aligned with ISO 9001 quality management standards

Personal Achievement

Crypto Bot | Advanced Telegram

Cryptocurrency Intelligence

Telegraf JS, Node.js, Telegram API, MongoDB, Browserless Puppeteer, Docker, Railway

2025

It has three bot modules. The main challenge was developing **`Degen Buy Bot`** -- a specialized Telegram bot module for millisecond-latency buy tracking on Solana DEXes using WebSocket streaming, enabling instant alerts for significant transactions across decentralized exchanges.

- Built WebSocket-based monitoring system streaming real-time Solana transactions via Helius RPC and Polling system as fallback, with automatic key rotation across multiple API keys
- Architected event driven subscription management allowing per-group configuration of minimum buy thresholds and multi-pair tracking with persistent state across restarts
- Implemented transaction parser detecting DEX operations and filtering swap events with configurable USD value thresholds per Telegram group
- Created modular bot architecture separating concerns (commands, handlers, managers, services) with graceful WebSocket reconnection and orphaned subscription cleanup

Sales Agent | Part Time On-Site

Tokio Marine Insurance Group

2016 – 2017 | South Tangerang, Indonesia

Achieved sales targets within first month as part of inaugural agent cohort, developing client portfolios and tailoring insurance solutions to individual client requirements.

Sales Record

- Hit sales quotas in first 30 days through consultative approach and product knowledge mastery
- Built and maintained long-term client relationships for portfolio growth and retention