Garry Alexander *Full Stack Developer*

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📅 31 May 1994   in Linkedin   ◯ Github   🔗 Personal Site

🪪 SUMMARY ANALYSIS

My eight-year journey through frontend development and quality assurance led me to an unexpected pivot into DevOps, where I discovered that the same architectural thinking that creates maintainable user interfaces applies beautifully to infrastructure design. I've spent my career building systems with React.js and Next.js, from Bootstrap while maintaining a framework-agnostic philosophy that prioritizes clean architecture and atomic design principles. What distinguishes my approach is integrating AI assistance throughout the development cycle - particularly Claude for rapid prototyping and iterative refinement with my custom workflow and prompt instructions. This integration has compressed development cycles by approximately 30% while maintaining code quality and pushing user engagement metrics up by over 20%.

My current focus combines DevOps practices with Frontend expertise, creating a hybrid skill set that bridges infrastructure automation and user-facing systems. I thrive in remote environments where async workflows and self-driven development are the norm, and I've developed strong capabilities in prompt engineering for task-specific optimization. Whether I'm designing CI/CD pipelines, architecting component libraries, or collaborating across cross-functional teams, I bring the same analytical rigor and practical problem-solving approach that's defined my work across quality assurance, frontend engineering, and infrastructure roles.

🧠 TECHNICAL COMPETENCIES

AI-Assisted Development
Cursor, Windsurf, Kiro & Antigravity (AI Assisted IDEs), Cline w/ OpenRouter (Extension), Claude Code, Warp Terminal, MCP (Model Context Protocol) integration extend LLMs capabilities

Frontend Development
React, Next.js (incl. SSR, App Router, API Routes), Vue.js, TypeScript, JavaScript (ES6+), HTML5, CSS, Tailwind CSS, Bootstrap 5, Three.js

Development Tools
Git/GitHub, CI/CD (GitHub Actions), Docker, npm/Yarn, ESLint/Prettier

UI/UX & Libraries
Framer, Motion or GSAP, Webflow, Shadcn, Heroui, Headless, Zustand, Turbopack, TanStack Table, Performance optimization (bundle analysis, code splitting, image optimization, caching on the client)

Backend & API Engineering
Node.js (advanced), Express, RESTful API, WebSocket, Multi-chain crypto integration, Third-party API integration, MongoDB, Mongoose schema design

Infrastructure & DevOps
Docker (multi-stage builds), Vercel, Railway & Netlify (deployment platforms), Caching strategies (API call reduction, in-memory fallbacks, zero-downtime approaches), Anti-detection / headless automation Puppeteer

☆ 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.

💼 PROFESSIONAL EXPERIENCE

RnD, *DevOps Engineer (Founding Engineer)*
2025 – 2025
Dubai (Remote)

Helped architect and develop a production-grade cryptocurrency intelligence ecosystem -- a multi-chain Telegram bot ecosystem and an administrative dashboard that provides real-time market analytics to distributed user groups.

Technical Contributions:

Backend Architecture
- Engineered Telegram bot processing multi-chain crypto analytics (Ethereum, Solana, BSC, Polygon, Base, Arbitrum) with modular service architecture integrating 5+ external APIs (Moralis, OKX, Helius, DexScreener, Axiom)
- Implemented WebSocket-based real-time transaction monitoring for whale-tracking and DEX alerts with sub-second latency
- Designed RESTful API endpoints for alpha signals, social intelligence, and trend monitoring

Infrastructure & Database
- Deployed containerized applications via Docker with multi-stage builds and Puppeteer integration for chart generation
- Architected MongoDB/Mongoose schemas with in-memory fallback for zero-downtime operation
- Implemented caching strategies reducing API calls by 80% while maintaining real-time accuracy
- Configured CI/CD pipelines for Railway deployment with health monitoring and 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)

Frontend Dashboard
- Developed Next.js 15 admin portal with TypeScript, SSR, and Turbopack optimization
- Integrated Radix UI components, TanStack Table for data visualization, and Three.js for 3D analytics dashboards

Tech Stack: Node.js, Express, Telegraf, Next.js, React, TypeScript, MongoDB, Docker, Puppeteer, WebSocket, Winston

Realta Chakradarma

Front End Developer (Web & Mobile)
2021 – 2025
Central Jakarta, Indonesia

- Built scalable, reusable component libraries, reducing development time by 20%.
- Adopted AI-leveraged workflow to boost rapid development and product requirement document (PRD) simulateously.
- Integrated real-time tracking and WebSocket communications, optimizing data synchronization.
- Led frontend migration to Next.js & TypeScript, improving app performance by 35%.
- Implemented Framer Motion & GSAP animations and integrated Webflow with the existing Bootstrap website working closely with Marketing division for a complete revamp, boosting user engagement by 30%.
- Integrated and fine-tuned conventional Chatbot with AI (OpenAI) API for customer service to cut-price efficient by 10%.
- Utilizing MCPs to bridging AI directly to third-party, Figma to boost conversion from design to code, Crawl Tool to mitigate knowledge cut-off to ensure meet required and latest frameworks update and reduce development time by 0%.

Bumame Pharmacy Software Implementation

<div align="right">2020 – 2021
Central Jakarta,
Indonesia</div>

- Be part of implementation team, customer negotiations and acted as a bridge between Buname Pharmacy and internal teams to implement custom-tailored IT solutions, ensuring pandemic-era testing workflows met specific operational requirements.
- Implemented and monitored end-to-end testing workflows for pandemic-era lab operations, ensuring seamless registration-to-results processing with zero downtime and 100% accurate lab result delivery (until end of year).
- Worked closely with laboratory staff to monitor and guide them through lab processes using internal developer teams built program, ensuring smooth operation and compliance with required standards.

Software Quality Control

<div align="right">2017 – 2020
Central Jakarta,
Indonesia</div>

- Spearheaded quality control processes, cutting critical software bugs by 30%. Analyzed and optimized business workflows, translating business process, schema and flowcharts into detailed user manuals and documentations with Robohelp and XML to support implementation and troubleshooting specific programs.
- Conducted manual and automated rapid testing for enterprise-level Personal, Payroll, Quality Assurance, HR & Hotel Management Systems, ensuring system reliability and performance.
- Leveraged Selenium and Cypress for comprehensive automated and manual testing efforts.

Tokio Marine Insurance Group, *Sales Agent*

<div align="right">2016 – 2017
South Tangerang,
Indonesia</div>

- Proven in hitting sales targets within the first month in the first batch of group

- Strong grasp of insurance products
- Skilled at tailoring insurance solutions to client needs and requirements
- Developed client relationships and maintained portfolio for long-term business growth
- Communicated insurance product features and benefits effectively to prospective clients

🎓 EDUCATION BACKGROUND

Binus University,
Technology of Information System (Drop Out)
2012 – 2015 | Tangerang, Indonesia

🏅 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