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   2025 – 2025
DevOps Engineer (Founding Engineer)   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
- Built scalable, reusable component libraries, reducing development time by 0%.   Central Jakarta,
                                                                          Indonesia
- 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

2020 — 2021
Central Jakarta, Indonesia

- 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

2017 — 2020
Central Jakarta, Indonesia

- 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

2016 — 2017
South Tangerang, Indonesia

Sales Agent

- 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