J. Brandon Johnson

AI Agent Orchestrator | AI Coding Evangelist | Full Stack Developer | Solutions Architect | Web3 Enthusiast

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Professional Summary

Innovative and results-driven Full Stack Developer, Solutions Architect, and AI Practitioner with over 15 years of experience leading high-impact software projects. Specializing in AI-driven solutions, I excel at integrating advanced AI technologies, including agentic workflows, machine learning models, and autonomous agents, to solve complex problems and drive business value. A proven leader in building scalable full-stack applications using modern frameworks and cloud platforms (AWS, Azure, GCP), I am passionate about pioneering AI innovations that transform industries. With a track record of delivering world-class applications across finance, government, e-commerce, and more, I seek to lead teams in AI-forward environments to create groundbreaking, positive change.

Career Highlights

- **2025** – Top contributor to ElizaOS, a leading open-source AI agent platform with over 16,000 GitHub stars, enabling autonomous agents for multi-agent development and real-world applications like chatbots, trading, and business automation.
- **2024** – Led UI/UX overhaul of a banking-as-a-service platform, integrating AI enhancements to support billions in weekly transaction volume while improving performance and user experience.
- **2023** – Lead developer of Project NOVA: an AI-powered investigative search tool leveraging machine learning to assist law enforcement in tracking and arresting online child sexual predators.
- **2022** – Directed a Web3 DeFi project that scaled from $0 to 30 million in total value locked in smart contracts within a year, incorporating AI for yield optimization and risk management.
- **2021** – Designed and built automated high-frequency trading bot orchestration platforms, utilizing AI algorithms to manage millions of transactions with real-time decision-making.

- **2020** – Developed a Shopify commerce app with AI-driven recommendations and infrastructure supporting thousands of daily active users.
- **2019** – Created an application portal using AI automation to expedite benefits delivery for survivors and victims of national tragedies.
- **2016** – Led development of a data analytics platform delivering real-time, AI-enhanced actionable intelligence to executives managing multi-billion-dollar funds.
- **2014** – Built a web-based data automation platform employed by NASA and DoD to track and reconcile millions in annualized funding, incorporating early AI for data reconciliation.

Technical Skills

Web

- Next.js, React, TypeScript, JavaScript, Node.js, PHP, .NET, Rust, Go, Angular, Vue, Svelte

Database

- PostgreSQL, DynamoDB, MySQL, MS SQL Server, Firebase, MongoDB

Cloud

- AWS (CDK), Azure, Google Cloud

DevOps

- CI/CD, GitHub Actions, Cloudformation, GitLab

Other Tools

- Figma, ShadCN, Tailwind, Adobe Suite, Cypress, Jest, Puppeteer, Playwright

Professional Experience

Synctera, Inc. – San Francisco, CA

Senior Software Engineer - 2023 to Present

- Established coding standards and best practices for frontend React teams, backend integrations, and AI-enhanced interfaces, fostering efficient development.
- Pioneered a reusable UI/UX component library tailored to branding and architecture needs, integrating AI components for dynamic user interactions, resulting in a 40% reduction in development time for junior developers.

Excelsior Creative, LLC - Orange County, CA

Solutions Architect & Full Stack Software Engineer – 2020 to 2023

- Led creation of auto-compounding yield vaults exceeding $30M in total value locked, supporting diverse DeFi strategies on the Cosmos ecosystem with AI-optimized token management.
- Developed a multi-signature wallet solution and web frontend used by thousands, enabling on-chain treasury management and voting with embedded AI for fraud detection.
- Engineered an automated payments streaming solution for decentralized, autonomous treasury payments to employees and contractors, leveraging AI agents for compliance and efficiency.
- Provisioned, managed, and monitored cloud infrastructure with AI-driven alerting and notification services for proactive issue resolution.

Orange County Employees Retirement System – Santa Ana, CA

Senior Full Stack Software Engineer – 2013 to 2021

- Single-handedly architected and developed an organization-wide Intranet portal, incorporating AI tools for personalized content delivery, used daily by staff across all departments.
- Directed business analysis, design, and development of over 30 custom applications, automating internal processes with AI integrations to boost efficiency and reduce manual errors.
- Enforced coding standards, best practices, and approval policies for development teams, ensuring high-quality, scalable enterprise projects with AI process optimization.

Sierra Lobo, Inc. – Milan, OH

Director of Information Technology - 2006 to 2013

- Defined organization-wide IT strategy, policies, and development plans, integrating AI for predictive analytics in infrastructure management.
- Built private cloud architecture supporting federal clients and a network for over 1,200 users, with AI-enhanced monitoring for security and performance.
- Led technology upgrades, including full infrastructure virtualization and compliance reporting solutions for AS9100 and ISO standards, using AI for audit automation.
- Designed government-facing cost reporting solutions that funded and reconciled over $200 million annually, employing AI for accurate data reconciliation and forecasting.

Education

MIT Sloan School of Management

Blockchain Technologies: Business Innovation and Applications, 2019

- Independently developed a custom blockchain application with AI integrations for smart contract automation.
- Built a fleet of automated crypto trading bots using machine learning for market prediction.
- Created reusable flash loan execution infrastructure on Ethereum, enhanced with AI for risk assessment.

The University of Toledo

Bachelor's Degree in Computer Science and Engineering, 2006

- Engineering Honors Program Participant
- Academic Scholarship Recipient
- Dean's List

Key Skills

- AI Process Optimization
- Agentic Workflows
- Machine Learning Integration
- AI Automation & Scaling
- Business Leadership
- Project Management
- Software Development Lifecycle
- IT Infrastructure & Standardization
- Software Engineering
- Systems Analysis & Evaluation
- Risk Management & Mitigation
- Stakeholder Management
- Complex Problem Solving
- Change Management
- Business Continuity
- Quality Assurance
- Budget & Cost Control
- Performance Optimization
- Time & Resource Management
- Customer Experience Strategy
- Team Leadership & Mentorship
- Strong Written & Verbal Communication
- Client Relations & Teamwork