

Randy Beal
Senior Developer, Application Architect
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Github: LeftBrainCreated
Portfolio: <https://randybeal.dev>

Objective

Innovative problem-solver passionate about designing and implementing scalable, efficient, and forward-thinking solutions that drive continuous growth and stability at the cutting edge of technology.

Core Expertise

- Full Stack Engineering
- API Driven Design
- Platform Modernization
- AI Automation
- Data Driven Design
- Microservices
- Cloud Services
- eCommerce
- Containerization

Technical Skills

Languages: C#, Typescript, Go, Python, JavaScript, Solidity, SQL, NoSQL
Libraries and Frameworks: .NET Core, Node.js, Web3, Express.js, XUnit, Selenium
Containerization: Docker, Jenkins, Terraform, Ansible,
Cloud / Infra: Azure, AWS, GCP, Firebase, Snowflake, AMPStack
Methodologies: Agile, Scrum, Kanban, Chaos, Spiral, Waterfall
Key Concepts: Microservices, MVC, P2P, Client/Server, Domain / Data Driven, OAuth

Professional Experience

Tech Data (TD Synnex) | Clearwater, FL |

Jan 2016 – Jan 2025

Application Architect (3/22-1/25)

- Microservice App design, planning, documentation, proof and training
- Added AI support to user facing platforms for interaction and reporting
- Architected and optimized database structures and application models.
- Conducted rigorous code reviews and ensured best practices in software development.

Lead Developer (1/16-2/22)

- Led 6-8 Person dev team, revamped complex billing SaaS reseller and whitelabel marketplace
- 1st Place TechData Hackathon winner with Robotics/AR Integration
- SCRUM ceremony lead, overseeing sprint velocity and backlog grooming.
- Developed SQL queries and SPC solutions to enhance data processing efficiency.
- Designed utilities and process automation tools for business improvements.
- Conducted sprint planning, reviews, and retrospectives to optimize workflow.

Healthplan Holdings (HPS) | Tampa, FL |

Aug 2011 – Apr 2015

Software Developer

- Process Automation totaling cost-savings of 53 full-time employees
- Custom Workflow integrations to third-party platforms.
- Built API-driven document generation and delivery systems.
- Designed message queue systems for redundancy and optimized data transfer.

Adaptive Learning Systems (ALS) | Largo, FL |

June 2007 – Aug 2011

Data Manager / DBA

- Scripted data-entry work to improve efficiency by 700%
 - Converted proprietary windows app to modern web app.
 - Managed database administration, optimization, and troubleshooting.
 - Developed reporting tools and automated data management solutions.
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Leadership & Communication

Strong advocate of **servant leadership**, empowering teams through mentorship and collaboration.
Adept at fostering a culture of knowledge-sharing, ensuring continuous team growth.
Fact-driven communicator who prioritizes precision and substance over volume.
Experienced working in global environments, collaborating across diverse cultures and teams.

Notable Achievements

Blockchain/Web3 Token Contract & Distribution – Developed and deployed blockchain-based token systems.

SmartApps IOT Integration – Built an interactive IoT-powered smart mirror and home integrations.

Machine Learning / AI Engineering – Applied AI to recognize and analyze visual patterns.

Robotics AR Integration – Developed AI-enhanced interactive robotics applications.

More About Me...

Passionate about emerging technologies, with a career at the forefront of innovation.
Experienced in designing **greenfield systems**, leveraging tools like Terraform, Jenkins, Docker, and Kubernetes for scalable solutions.
Recent focus on integrating AI into **big-data workflows**, optimizing analytics and reporting.
Dedicated to continuous learning and pushing boundaries through hands-on side projects