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# Randy Beal

## Solutions Architect



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git: LeftBrainCreated

<https://randybeal.dev>

## OBJECTIVE

To identify and implement efficient targeted solutions to achieve continuous growth and stability at the edge of today's capabilities

## LANGUAGES

C# | Typescript | Go | Python |  
Javascript | Solidity | SQL |  
NoSQL

## Libraries & Frameworks

Node.js | .NET Core | Angular |  
React | Express.js | Hardhat |  
Firebase | XUnit

## Containerization

Docker | Jenkins | Terraform |  
Ansible

## Cloud / Infra

Azure | AWS | GCP | Firebase |  
Snowflake

## METHODOLOGIES

AGILE | SCRUM | Kanban |  
Chaos | Spiral | Waterfall

## Key Concepts

Microservice | MVC | P2P |  
Client/Server | Domain / Data  
Driven | Apache

*\* The best thing about a boolean is that even if you are wrong, you were only off by a bit*

## EXPERIENCE

Jan 2016 – Jan 2025

Application Architect • Tech Data (TD Synnex) • Clearwater, FL  
Lead Developer • Tech Data (TD Synnex) • Clearwater, FL

Aug 2011 – Apr 2015

Software Developer • (HPS) Healthplan Holdings • Tampa, FL

June 2007 – Aug 2011

Data Mgr / DBA • (ALS) Adaptive Learning Systems • Largo, FL

Self-taught programmer since 2006 with extensive experience in Full-Stack Development, both as an individual contributor and team lead. Skilled in cutting-edge technologies, including AI and ML, with a strong focus on R&D-driven solutions development. Expertise includes automation, cloud-based infrastructure and applications, web portals, API development, and database management. Adaptable and quick to master new technologies as required.

## COMMUNICATION

Punctual and well-prepared professional with experience in a global company, fostering collaboration with diverse individuals and cultures. While I can be reserved, I prioritize substance over volume, ensuring that my contributions are fact-based and impactful.

## LEADERSHIP

I firmly believe in the principles of servant leadership. My role as a leader is to empower those I work with, fostering an environment where success is shared across the team. If I'm not preparing someone to step into my role in the future, I'm not fulfilling my responsibility as a leader.

## ACHIEVEMENTS

- Blockchain/Web3 Token  
Contract & Distribution

- Machine Learning / AI Engineering

- SmartApps IOT  
Integration

- Robotics AR Integration

- Enterprise Architecture  
Design/Roll-out



## More About Me...

I've had the privilege of building a career on the forefront of cutting-edge technology. From the early days of smart devices and app development to pioneering cloud adoption with Azure and AWS, I've embraced innovation at every stage. My expertise spans designing greenfield systems, leveraging tools like Terraform, Jenkins, Docker, and Kubernetes to deliver scalable, efficient solutions.

Recently, I've focused on integrating AI into big-data workflows, driving advancements in consolidation, analysis, and reporting. Passionate about continuous learning, I push my boundaries with side projects that explore emerging tech. I'm grateful to do what I love and remain dedicated to crafting impactful solutions.

## Work Experience

### JAN 2016 – JAN 2025

**Application Architect • Tech Data (TD Synnex) • Clearwater, FL**

Responsibilities included application design & planning. Database and model design. AI planning and implementation. Component integration, documentation, and implementation. Training and knowledge transfer. Code Review.

#### Lead Developer

Development team leadership. Writing Code. SCRUM Ceremony Lead. Sprint velocity mgmt. SQL query and SPC development. Code Review. BugFixes. Datafix utility development. Sprint planning, grooming, review, and retrospective.

### AUG 2011 – APR 2015

**Software Developer • (HPS) Healthplan Holdings • Tampa, FL**

Responsibilities included writing code for business process automation. Automated document generation and delivery through API Integration. Code Review. Bugfixes. Custom workflow management delivery system. Custom business utility design and development. Message queue delivery & redundancy.

### JUN 2007 – AUG 2011

**Data Manager / DBA • (ALS) Adaptive Learning Systems • Largo, FL**

Responsibilities included database management, content population. Software modernization. Process Scripting. Quality Testing, defect review and analysis.