BRADY CLIFFORD

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ENGINEER
ARCHITECT
STRATEGIST

Career objective :: a successful career in computer technology and software development allowing for advancement based on the desire to excel through hard work, creativity and dedication.

FULL-STACK SOFTWARE ENGINEER | CONTINUOUS DELIVERY | DEVOPS
PROFESSIONAL LEADERHSIP | AGILE EVENGELIST | DESIGN PATTERNS
DISTRIBUTED SYSTEMS | DOMAIN, EVENT & TEST-DRIVEN DESIGN | INFRA AS CODE

EDUCATION

University of Utah | 2014
Masters in Business Administration

Weber State University | 2007
Bachelors of Computer Science
Associates of Multimedia Production &
Associates of Latin American Studies

Craftsmanship

Marrying of **Continuous Integration** and **Delivery** within a well-oiled **SDLC** process.

Respect **Conway's law**.

Design & Architecture Patterns advocate.

Favor **Domain Driven Design**.

Automated testing enthusiast.

Mobile first development.

CODE

Microsoft .Net

Data Stores
T-SQL, PostgreSQL, CosmosDb, RavenDb

Web
JavaScript, TypeScript, React
Node, Webpack, Jest, Cypress, Playwright

Pipeline & Infrastructure
Terraform, Azure, GitHub Actions

Mobile
Ionic Framework

Other
Bash, PowerShell

SERVERS & IT ADMIN ROLES

Cloud Infrastructure
Azure App Services, Azure Functions
Azure Event Bus, Azure Application Gateway

Technical Lead Software Engineer
Willis Towers Watson | 2015 – current

Willis Towers Watson / ExtendHealth division provides employers with health care solutions both in the Pre-Medicare and Medicare segments.

React, web-components, ASP .Net, GitHub Actions, Terraform, Azure, CosmosDB, Azure Event Hub, Reddit

I function as the architect and technical lead on a fully autonomous (to a reasonable level), fully cross-functional team. Currently expanding on the success of an *incremental* transition from a *monolith* legacy application into micro front and back-end services. I participated as one of the key contributors in leading the architecture and implementation of this incremental transition from conception, general release, to (now present) continuous feature delivery.

- *Provide technical guidance at a team and business level concerning all technical matters. I contribute to day-to-day activities as a single team contributor.*
- *Guide and assist the team in the consistent, incremental, high-quality implementation of code and its delivery to production.*
- *Incremental micro front-ends composed into a single, homogenous user experience. Each micro front-end resides within its own bounded context, with its own infrastructure, services and data stores. Each team owns a full-vertical slice of these bounded contexts, from infrastructure (managed by terraform) and monitoring, backend-end for front-end (.Net) up to the to the front-end UI (React). Communication between boundaries is performed through published events and consumed API requests. In most cases, boundaries share data at a UI level through runtime web-components.*

Additional details of my work at WTW, can be provided upon request or viewed on my LinkedIn profile.

Senior Software Engineer
ADP AdvancedMD | 2013 – 2015

AdvancedMD provides Practice Management and Electronic Health Record (EHR) software for the medical industry. As scrum master and software engineer,

Worked on a scrum team as a full-stack engineer developing frontend JavaScript applications down to T-SQL Stored procedures. At the time, the company had mastered the Agile / Scrum model and TDD, however still struggled with Continuous Delivery.

The biggest project consisted of migrating our non-browser agnostic web application of 1000+ dynamic pages from Internet Explorer only, to a browser agnostic front-end built with AngularJs 1.x. The main hurdle faced with this project was coordinating shared libraries between 10 teams who utilized our foundation while migrating said legacy web pages.

Additional details of my work at AdvancedMD, can be provided upon request or viewed on my LinkedIn profile.

Software Engineer & Technology Manager
Innovative Staffing, Inc. (PEO) | 2007 – 2013

ISI provides HR, payroll, benefits, and other business management services. I managed a team of software developers and IT technicians. As the main architect and programmer,

- *Developed a .Net client portal that integrated with a PEO management software system utilizing n-tier applications on Windows based technologies. Development included online digital signed paperwork, new hire processing, and employee benefit enrollment.*
- *Maintained all server and network infrastructure implementation and maintenance.*

Through new technologies, I had advanced the company's productivity, organization and service quality while enhancing our client's overall experience.

Additional details of my work at ISI, can be provided upon request or viewed on my LinkedIn profile.

Information System Engineer
L3 Communications | 2006 – 2007

Developed software applications for the internal company operations. Utilized T-SQL for the database level and Visual Basic in the application layer. Such work helped in enhancing legacy applications through more efficient algorithms and UI interfaces for the end user.

Additional work history can be provided upon request or viewed on my LinkedIn profile.

LEADERSHIP

Weber State University Student Government
Appointed the technical director overseeing all multimedia projects, web site creation and participated in other organizational committees.

Volunteer Representative
Spent 2 years is Brazil learning the language and directly influenced and challenged numerous individuals in improving their lives. Sought daily opportunities to serve others. During this time, I provided executive leadership over 150+ volunteers.

Other
Eagle Scout, Student Body Officer, Utah Sterling Scholar

INTERESTS :: Family, water skiing, hiking, woodwork, music, basketball, traveling and love creating splendiferous yet realistic front-end applications