



# Brandon Torracco

## Senior Software Engineer

Full Stack, UI/UX Development, Cloud & Solution Architecture

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Phone: 480-432-4282

PHOENIX, ARIZONA AREA - Remote US

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### Overview

10+ years experience in technical leadership, enterprise digital application modernization, cloud based web and software solution architecture, and DevOps software engineering. Expert in user interface and user experience engineering for enterprise applications. Skilled in software engineering and technical leadership in JAVA, Node.JS, and C#/.NET environments with expertise in UI engineering and technologies such as Typescript, NPM, JavaScript, jQuery, React, AngularJS and Angular 2+ HTML, CSS.

Experience with enterprise cloud infrastructure and architecture (Azure, Google, Etc.), from requirements gathering and solution architecture to POCs, technical product management, cloud application development including CI/CD, release/delivery and production support. Good understanding of Enterprise customer experience, web based user experience, digital marketing and software solution architecture. Proficient in scrum/agile principles and product based software development.

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### Technical Skills

General Technical Skills: Technical leadership, DevOps software engineering, cloud Infrastructure/architecture, user interface and solution architecture, enterprise digital customer experience architecture, cloud modernization and user experience engineering / architecture.

Web and software application solution architecture, accessibility, performance, QA/testing, software feature enhancements, bug fixes, prototypes, web APIs, component libraries, dependency management, UI toolkits, cloud application design, modernization and architecture, REST APIs development, production deployments, code management, code reviews, CI/CD pipeline management.

Enterprise digital and solution, architecture, software and solution design and architecture, expert SDLC, scrum and agile methodologies and coaching, technical leadership, coaching, driving utilization and adoption of modern technologies, clean code and modern technical software development principles.

Software Engineering: JAVA, SpringBoot, Maven, .NET 6, C#/MVC, Rest APIs, DOT NET CORE, Object Oriented Programming, REST APIs, MongoDB, CosmosDB, SQL, MySQL, dependency injection, configuration management, JavaScript, AngularJS, Angular 2+, TypeScript, NodeJS, NPM, RXJS, Karma/Jasmine, dependency management, browser compatibility, HTML, CSS/LESS, digital experience, understanding of Privacy by Design (security, data privacy, HIPAA, PII etc) QA, Component Governance.

Enterprise Architecture/Cloud Infrastructure: Azure, Pivotal Cloud Foundry - [PCF] (Like Amazon Web Services [AWS]), Google Cloud Platform[GCP]), Oracle, Linux/cPanel, Application design, cloud infrastructure, dependency management, component governance, roadmaps, design principles, design and web architecture guidelines, privacy and security by design, Azure, Azure app registrations, key vault, user groups, pipelines, function apps, web app development, planning, architecture and deployment, app services, identity management, Azure DevOps, CI/CD, Pivotal Cloud Foundry, (PCF), app containers, Application Insights, Kusto,

Service Bus explorer, Linux, cPanel, web resource management, bash, git, command line, powershell, Azure shell. etc.

Solution Architecture/Agile Leadership: Product ownership, business requirements technical analysis, solution analysis, technical design, code reviews, coaching, mentoring, and team leadership on technical solution architecture, Agile coaching, story writing, story analysis, grooming, analysis, continuous improvement, solution architecture, UX research & design. Architecture analysis - dependencies, security, design and technology modernization.

Digital Experience/UX Modernization: Design principles, design guidelines, user workflows, journey maps, user profiles, user interviews, POCs, Web/UI branding, design and engineering toolkit creation and adoption, prototyping, UI design, customer experience design, brand adoption, ease of use, functional and non-requirements.

Tools: Visual Studio 2017, 2019, 2020, VS Code, Eclipse, Postman, Azure DevOps, Jira, Git, BitBucket, Bamboo, Kusto, Service Bus explorer, Azure DevOps. CMS/E-Commerce: AEM, Salesforce, WordPress, Magento, Drupal, and Shopify. DevOps: bug analysis, software support, change tickets, production support, CI/CD setup and deployment.

## Certifications & Awards

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HTML, CSS, JavaScript Certified- W3Schools online  
Privacy By Design - Infosys 2022  
Rising Star Award (2X) Infosys 2021/2022  
Agile/Scrum - Infosys 2023, 2022, 2021, 2020, 2019, 2018, 2017, Capgemini 2016, 2015  
Best Speaker - Toastmasters (2X)  
Six Sigma Yellow Belt - Capgemini 2016  
Certified Professional Coach (Institute for Professional Empowerment Coaching)  
Alpha Beta Kappa National Honors Society  
.NET / C# and HTML/CSS Fundamentals - Microsoft Virtual Academy

## Experience

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### INFOSYS

#### Enterprise Architecture - Senior Technologist | 2022 - Current Technical Lead | 2017 - 2022

*Clients Served: T-Mobile, Charles Schwab, Infosys, Microsoft*

#### MICROSOFT (Infosys): Software Engineer

January 2024 - PRESENT

PowerBI Experimentation Team (UX Experimentation Engineering)

- Plan, implement, build and release experiments in PowerBI Web
- Implement plan and release feature switches

#### MICROSOFT (Infosys): Software Engineer/UI/UX Architect

October 2021 - Dec 2023

Lead Acquisition Engineering Team

- Marketing Execution Engine application
- Plan, refactor angularJs app and build a modernized UI Application (Angular 12)
- Implement Microsoft Authentication Library (MSAL 2.0 + Angular) for user authentication
- Research, design, and prototype solutions for a modernized web UI
- Refactor services and application functionality out of AngularJS into Angular12
- Transition existing functionality into updated Angular Material Components
- Implement test coverage within Angular CLI (Karma/Jasmine)
- Build modernized backend .NET 6 app POC for backend REST API/services

**Technology:** .NET, C#, AngularJS, Angular 12, NPM/NodeJS, TypeScript, , HTML5, CSS/SASS, JavaScript, Azure app services, Azure pipeline,, Azure app configurations, Angular material, UI Architecture, .NET application development, Service Fabric, MSAL 2.0, REST APIs, Angular components/services

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## **CHARLES SCHWAB (Infosys): Tech Lead - Software Engineer/UI/UX Architect**

October 2017 - October 2021

**Customer Communications Portal:** Technical Lead - build and maintain various Java/Angular applications. Build and maintain Java APIs, Angular Architecture and functionality, own UI architecture, enhancements etc. Interface product team to analyze and develop requirements, solutions, and plan and lead development efforts.

**Communications Portal & Client Central Production Support:** Maintain production environments, manage production issues, inquiries, bugs and requests. Analyze issues, interface product and dev teams to solve real-time issues, and manage change requests and production deployments.

**Client Central Modernization Project:** Architect and integrate modernized Angular UI solutions for multiple teams. Develop and architect responsive and modernized UI architecture, solutions, POCs, prototypes for ongoing app modernization initiatives, Build and maintain Angular based architecture, toolkits, component libraries and interface dev teams for standardizing and integrating modernized we UIs with legacy applications.

Provide Agile and UX coaching and technical solution analysis to assist scrum master/product teams, organize agile processes, update requirements, and coordinate with offshore teams. Provide insights and reporting.

**Technology:** UI Engineering, Angular/Modern UI Architecture principles, .Net, C#, HTML5, CSS/SASS, JavaScript, NodeJS, NPM, TypeScript, Angular 4-7, salesforce, CI/CD deployment, Cloud and solution architecture, Deployments, production support, Lightning Design System, Angular Material, Prime-NG, GIT, ASP, PCF, Jira, Confluence, Bamboo, SPLUNK, SQL, MongoDB, Solution Architecture, Software Design, Salesforce Administration, User flows, wireframes, service bus, performance testing, Photoshop, Remedy

## **T-MOBILE (Infosys) - Technical Lead**

July 2017 - October 2017

Implement technical solutions. Develop features and enhancements, fix bugs, and analyze business requirements to drive technical solutions. Drive development and adoption/integration of modern Angular applications in an agile JAVA based software environment.

**Technology:** Java, SpringBoot, Maven, Sonar, HTML5, CSS/SASS, JavaScript, NodeJS, NPM, TypeScript, Angular 2+, SQL, GIT, Java, Jira, Confluence,

## **CARVANA - Software Engineer III**

January 2017 - July 2017,

Engineer front-line UI solutions for core customer facing e-commerce website and implement technical solutions. Design and develop solutions for a variety of complex technical requirements with a primary focus on functional UI, creative UX implementation, and SEO.

**Technology:** .NET, C#, HTML5, CSS/LESS, JavaScript, NodeJS, NPM, TypeScript, AngularJS, Bootstrap, Azure, Azure branch manager, GIT, ASP .NET MVC, Resharper, Postman, SPLUNK, Fiddler, Jira, Confluence, SQL, E-Commerce domain,

## **CAPGEMINI (SOGETI): Senior Consultant - Software Engineer**

December 2014 - January 2017

Lead UI Architecture and application development for multiple projects with a focus on transformation of legacy .NET web applications to modern responsive customer-centric UI. Led a variety of efforts From UX design/Analysis to developing web components and UI toolkits. integrate modern UIs in various .NET applications etc.

Additional Project level details available on request.

*Clients Served: Avnet, Microsoft, Best Western, Republic Services, Humana, Comcast*

**Technology:** JavaScript, NodeJS, NPM, Typescript, Angular 2+, HTML5, CSS/LESS, Bootstrap, GIT, .NET, C#, SharePoint, SQL, Azure app services, Azure branch manager, Azure app configurations, Service Fabric,, AEM, Rest APIs, UI Engineering, software solution architecture,

**SPEAR: Web Developer**

April 2014 - December 2014

Lead SEO & digital transformation effort with focus on responsive design and Front end focused web development and lead modernization initiative across multiple platforms implementing modernized responsive web frameworks and improving usability of multiple platforms.

**Technology:** Responsive design, UI development, UX strategy, HTML5, Bootstrap, jQuery, JavaScript, CSS, MySQL, PHP, Git, Jira

**JETSET MAGAZINE: Chief Technology Officer**

June 2010 - April 2014

Lead and manage a variety of technical and operational needs including developing and managing sales CRM, SEO and web content approach, design develop and test web applications, manage corporate infrastructure including emails, shared networks etc. Hire and manage technical staff and lead/manage web related projects.

**Technology:** Digital marketing, enterprise architecture, Linux, cPanel, Web design, Responsive design, UI development, UX Strategy, HTML5, CSS, JavaScript, jQuery, Bootstrap, WordPress, PHP, PhotoShop, SEO

**VARIOUS CLIENTS: Digital Marketing & Web Development**

April 2007 - June 2010

Lead and manage a variety of web, design and technical needs for clients including developing and managing implementation of digital products, SEO, digital products for sales and delivery, and digital/enterprise e-commerce and marketing initiatives for a variety of clients in various industries.

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**Education****MBA in Applied Computer Science**

*NorthCentral University*  
2015-2018

Completed MBA with a focus in applied computer science, with studies such as strategic knowledge studies, fundamental programming languages, data management, and managing people and teams.

**Certified Corporate/Executive Coach**

*Institute for Professional Empowerment Coaching*  
2008-2009

Completed comprehensive training in professional corporate leadership and coaching

**Bachelor's of Applied Science in Visual Communications**

*Westwood College*  
2003-2006

Graduated honors, member of Alpha Beta Kappa national honors society with a focus in UI/UX web/graphic design, development, and marketing.