# TONY CARDONE
## SOFTWARE ARCHITECT

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## ABOUT

Lead system architect in microservice, monolith, and hybrid platforms, with experience in international team leadership, mentorship, and cross-organization engagement.

## EXPERIENCE

**June 2015 – November 2025**
**Zilliant Incorporated | Austin, TX**

Senior Architect (2021 – 2025)
- Lead of the seven-member architect team, which designed product solutions across Zilliant's platform including highly available APIs and a legacy monolith application.
- Led system design of new product offering and subsequent integration of this design into existing platform from requirements to deployment.
- Technology portfolio focused on scaling and management of Java microservices with Dropwizard, Python, and PostgreSQL on Amazon Aurora. API stack handled hundreds of requests per second across a multitenant system.
- Engaged with customer solutions teams to identify design issues within their proposed solution on monolith application, including mitigation of recurring performance issues.

Senior Technical Lead (2015 – 2021)
- Technical lead for ten-person hybrid US-Ukraine team that focused primarily on critical backend features for the platform using Amazon Web Service and Salesforce offerings.
- Tasked with end-to-end delivery of software for the team, including requirements gathering, technical design, Scrum Master responsibilities, coding, test process, and release management, typically working with other team leads, product management, and engineering leadership. Releases accelerated from quarterly to daily as needed.
- Technology in focus included Java, AWS Redshift, Simple Workflow (SWF), Elastic MapReduce (EMR), EC2, and Microsoft SQL Server.

*Other roles at Zilliant: Software Engineer, Engineering Manager*

**June 2013 – June 2015**
**BNSF Railway Company | Fort Worth, TX**

Systems Developer

- Software developer on a large distributed agile development team working closely with BNSF's team of mechanical experts to deliver a predictive analytics solution to reduce derailments and increase reliability of rolling stock.

## TECHNICAL STACK

Cloud (AWS)
Aurora PostgreSQL, Redshift, Elastic Container Service, EC2, Simple Workflow, Lambda, Batch

Languages
Java, Python, R, SQL, Salesforce Apex

Technologies and Tools
Microsoft SQL Server, Tableau, ELK stack, Jira

## EDUCATION

**Bachelor of Science**
**Computer Science**
*Minor, Mathematics*
Whitacre College of Engineering
Texas Tech University
Lubbock, TX

**Master of Science**
**Data Science**
*Online Program*
*Expected Graduation May 2026*
Rawls College of Business
Texas Tech University
Lubbock, TX