

Michael C Costanza

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LinkedIn: <https://www.linkedin.com/in/costanza>

Portfolio: <https://costanza13.github.io>

Full-stack web application engineer and leader with experience at organizations ranging from early stage start-ups to large corporations. Enthusiastic team player and determined problem-solver, focused on achieving goals of both the engineering and business teams; flexible and adaptable enough to adjust when goals change. Roles have included manager/director, mentor to junior developers, product manager, client support/account manager, database administrator, vendor liaison and more. Thrive in roles that provide opportunities to help team members achieve success and to support them in attaining both project and career goals.

Key Skills Include:

- Front End: React, jQuery, JavaScript, JSP, HTML, CSS, Bootstrap, Responsive Design
- Back End: Node, Express, PHP, MySQL, MongoDB, GraphQL, REST
- Tools: GitHub/Git, Subversion, CVS, Bugzilla, VS Code, Coda, IntelliJ IDEA

Professional Experience:

Executive Director, Technology

2004 - 2021

Floor64, Inc., Redwood City, CA

Founding member of Floor64, Inc., a web-based media, research and analysis company

Software Engineer/Architect - www.techdirt.com

- Primary software developer (PHP, Javascript, jQuery, HTML, CSS, MySQL, Node.js).
- Own and maintain all systems and code, including web applications and internal tools and applications, on a very tight start-up budget.
- Manage projects, engineers, and external resources, applying Agile methodologies, when appropriate.
- Responsible for identifying best solutions to meet hardware and software needs, maintaining a robust and reliable production environment and working with Floor64's host/ISP on server administration.
- Ensure the quality and reliability of all updates and new features; manage the staging, testing and deployment process.

Client Relationship Manager/Writer/Editor - Techdirt Corporate Intelligence

- Manage account for one of the company's largest clients. Assess requirements and manage delivery of content in newsletter format, provide user support, and negotiate annual contract renewal.
- Edit and publish content for newsletters, while also contributing as a writer.
- Supervise multiple contributing freelance writers, coaching writers on appropriate writing styles and content, and ensuring deadlines are met.
- Oversee and administer the content delivery platform (WordPress), customizing the site based on customer requirements, maintaining and developing site code and related tools to support the service.

Product Manager - Techdirt.com

- Identify features and site improvements to strengthen and expand Techdirt's dedicated community as well as extending the blog's reach.
- Oversee the implementation of changes and additions to the Techdirt.com website.
- Lead Techdirt customer support efforts, communicating directly with Techdirt audience members regarding bugs, feature requests, user account/membership issues, and other general support issues.

Writer/Editor - Techdirt.com

- Contribute to the Techdirt blog as an occasional writer and regular editor and proofreader.

- Led teams of up to 15 full-time software engineers, contractors and UI developers on projects including feature iterations, site/interface redesigns, and a platform integration project spanning several years.
- Successfully managed the career development of Associate Software Engineers, Software Engineers, and Senior Software Engineers, during a period of multiple acquisitions, and business reorganizations.
- Worked with Sales, Marketing, and Product Development partners to set goals and expectations, allocate resources, and set project timelines while being responsive to changing needs and business realities.
- Participated in and helped support the adoption of Agile methodologies (daily stand-ups, sprints, user stories, velocity tracking, continuous integration).
- Created a Release Management team and helped develop the initial release management process. Helped coordinate releases with the Operations team.
- Contributed as a software developer and helped to promote best practices by applying consistent coding standards and holding regular code reviews. Primary languages used: Java, JSP, HTML, CSS, Javascript.

Recent Projects:

Discord Mirror Bot - <https://discord-mirror-bot-12hundred.herokuapp.com/examples/socket-ex.html>

- A server and bot app to enable the embedding of a Discord channel's contents in a web application.
- Role: Software developer/architect.
- Technologies: Node, Express, JavaScript, WebSockets
- Repo: <https://github.com/costanza13/discord-mirror-bot>

The Kara-OK Corral - <https://the-kara-ok-corral.herokuapp.com>

- A social web application that provides tools for karaoke lovers to build and share playlists, lyrics and karaoke videos, plan parties, and share performances with friends.
- Role: Lead software developer/architect, project manager, mentor.
- Technologies: React, Node, Express, Apollo/GraphQL, MongoDB/Mongoose
- Repo: <https://github.com/costanza13/kara-ok-corra>

Cool California - <https://cool-california.herokuapp.com>

- A social sharing site/blog for California adventurers to share information about the places they've visited and to discover places that match their interests.
- Role: Lead software developer/architect, project manager, mentor.
- Technologies: Node, Express, MySQL/Sequelize, Handlebars, JavaScript, Responsive CSS
- Repo: <https://github.com/costanza13/cool-california>

Education:

Master of Engineering, Electrical

Bachelor of Arts, Physics

Bachelor of Science, Electrical Engineering

Ithaca College, Ithaca NY

Cornell University, Ithaca NY

Bootcamp Certificate, Full-Stack Web Development

UC Berkeley Extension, Berkeley, CA

- A 24-week intensive program focused on gaining technical programming skills in JavaScript, the MERN stack, MySQL, GraphQL, Progressive Web Applications, Responsive CSS and related technologies.