

Frank Buzzi-Torres

Buzzi.PE@gmail.com | 312.880.7640 | [LinkedIn /frank-buzzi](https://www.linkedin.com/in/frank-buzzi) | Portland, OR | San Francisco, CA

- 15 years professional experience leading teams in IoT tech, energy, and consulting engineering
- Combines technical and emotional intelligence to empathize with developers, design, and users
- Leads by example through rolling up sleeves and taking on new roles to enable team success
- Adopts a beginner's mindset to learn new subjects and perspectives in pursuit of great products

Product Management Experience

Ideation | Co-Founder, Rach.io

- Created IoT irrigation solution through collaborative brainstorming and customer validation
- Reimagined hardware prototype design to reduce cost by 80% and increase memory 4x

Prioritization | Product Owner, DADO Labs

- Coordinated sprint and release planning between firmware, mobile, and backend teams
- Adapted to changing customer needs through active dialogue and negotiation of scope
- Applied RICE framework technique to maximize value delivery for users and the client

Planning | Engineering Manager, SSOE

- Planned sprints and triaged bugs for development of construction calculations software
- Solicited user feedback through interviews and roundtables to improve product roadmaps
- Pushed four major releases over two years to improve quality by 15% and save 1200hrs/yr

Execution | Consultant, Corbin Engineering

- Developed analytics product based on client OKRs to evaluate data center upgrade plans
- Reduced total cost of ownership of a nationwide upgrade for 10 sites to save over \$3.2M

Launch | Energy Market Operations Engineer, MGE

- Launched JavaScript module to economically dispatch 138MW of wind energy based on 5-minute market price signals to reduce risk of production loss and save \$80K per year
- Led test environment deployment validation against economic and compliance requirements
- Coordinated go-live with real time trading desk, dispatch operations, and executive oversight

Education

Cornell University | eCornell Online

Certificate of Product Management, 2020

University of Wisconsin | Madison, WI

Master of Science in Electrical and Computer Engineering, 2008

Bachelor of Science in Electrical and Computer Engineering, 2006

Professional Experience

SSOE Inc. | Hillsboro, OR

Engineering Section Manager

2017 – Now

- Validated compliance of construction calculations software with National Electric Code
- Directly manage performance metrics and workload allocation of 8-10 direct reports.
- Reduced training costs 20% by instituting standup for new staff to promote ownership
- Created product strategy for implementation of work management system for division

Bonneville Power Administration | Vancouver, WA

Transmission Planning Engineer

2016 – 2017

- Applied software development practices and industry standards to improve process flow
- Wrote C-based code to generate various forecast scenarios for transmission grid planning

DADO Labs | Portland, OR

Integration Engineer

2015 – 2016

- Performed integration on three platform-based products to ensure usability and user value
- Verified releases by creating integration and functional testing of features across platforms
- Developed a .NET application to interface with IoT hardware modules for integration testing

Corbin Consulting Engineers | Beaverton, OR

Consultant Engineer

2014 – 2015

- Coordinated scope and schedule with multiple stakeholders to effectively deliver products.

M+W Group | Hillsboro, OR

Electrical Engineering Lead ~ Intel Contingent Worker

2013 – 2014

- Owner and final approver of engineering content for a discipline team of 30 people
- Reduced errors by 30% after implementing fundamentals training to transitional staff
- Improved efficiency by 13% by spearheading standardization of engineering and procedures

Rachio | Denver, CO

Engineering Principal

2012 – 2013

- Defined product requirements and built feasibility prototype to acquire seed round funding
- Developed C-based firmware layer and contributed to Node.js backend for MVP

Madison Gas and Electric | Madison, WI

Energy Market Operations Engineer

2008 – 2012

- Reduced costs by over \$100K annually by identifying patterns in market price data and then developing, testing, and deploying code that formulated daily bids for power markets
- Collaborated with data science to optimize savings and quantify strategy risk
- Created agile product roadmaps to adapt to dynamic market rules and regulations