

# BRYAN WILLETT

Full Stack Software Engineer

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## Summary

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I'm a Full Stack Software Engineer passionate about solving complex problems and delivering impactful software. With a background as a paramedic, I bring strong adaptability, problem-solving, and collaboration to software development. I thrive in fast-paced environments and love building scalable, user-friendly applications. Currently focused on React, TypeScript, and backend API development to create efficient and modern web experiences.

## Technical Skills

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**Languages/frameworks:** Ruby, Rails, JavaScript, React, HTML, CSS, Tailwind CSS, PostgreSQL

**Testing:** TDD, RSpec, SimpleCov, Cypress

**Tools/Workflow:** Git, GitHub, Heroku, Vercel

## Projects

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**Smart Gardening (5-member Group)** | [GitHub BE](#) | [GitHub FE](#) | [Deployed Link](#)

**Tech:** React, ROR, OpenAI API, Google Cloud API, PostgreSQL

Developed a full-stack application that integrates OpenAI and Google Cloud API to fetch plant recommendations based on user input.

Designed and built a responsive, intuitive frontend in React to enhance the user experience.

Created RESTful APIs using Ruby on Rails, handling dynamic user queries and integrating external APIs.

**Tracker CRM (Collaborative Project)** | [GitHub BE](#) | [GitHub FE](#) | [Deployed Link](#)

**Tech:** ROR, React, Tailwind CSS, TypeScript, Cypress

Contributed to the enhancement of an existing CRM application designed to track job applications, contacts, and companies.

Implemented full frontend and backend functionality to edit company records, including building a modal-based editing interface and integrating it with Rails API endpoints.

## Professional Experience

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Paramedic @ Norman Regional Health System / EMSStat, Norman, OK.

04/2011 - 07/2024

- Led decision-making in high-pressure environments, ensuring rapid problem-solving and adaptability.
- Collaborated cross-functionally with teams including law enforcement, firefighters, and hospital staff.
- Communicated effectively in critical situations, ensuring clarity, efficiency, and seamless operations.

## Education

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Accredited Certificate in Full Stack Software Engineering

Turing School of Software and Design - Denver, CO

03/2025