

Jesse Dorsey

Builder

Detroit, MI, United States | [LinkedIn](#)

Software developer & general technologist with over 15 years experience spanning startups, small businesses and large enterprises, specializing in helping companies unlock value they didn't know they had.

Ultimately, I just want to make things. Amazing things.

EXPERIENCE

Chief Technology Officer

Jun 2025 — Jun 2025

Sparen

I took over general development (and eventual management of the engineering team) at Sparen. We built financial processing technology to determine whether or not a person would pass underwriting for a mortgage and extended that level of due diligence to every seller, with key focus on the FSBO market.

Then we built a transaction engine capable of tracking a property from the initial listing through to escrow closing.

Sparen is (almost, but soon to be entirely) the end-to-end real estate solution for the modern world.

Co-Founder & Head of Engineering

May 2025 — Present

ConStrat AI

Detroit, Michigan, United States

Co-founder and Head of Engineering at ConStrat. We build AI software for the construction economy.

First year. A team you can count on one hand. We shipped a full product, web and mobile, live and used by real companies. It plugs into the financial systems the industry already runs on.

I own the engineering. System architecture, interfaces, the agent harness that runs our AI, its ETL, and the machine learning behind our simulations.

Co-Founder

Jan 2022 — Present

Oddity Nook

Co-Founder, general operations manager, and systems designer and developer for a small indie games studio. Oddity Nook was formed by a few industry veterans and myself with the intention of creating the ideal game studio - we focus on finding fun and making beautiful art.

Senior Software Engineer

Jun 2018 — Mar 2021

General Motors

Detroit Metropolitan Area

At GM I worked on two software teams, one developing in-vehicle applications and another developing a new PoC technology for drivers and passengers.

- Structured agile transformation for 15+ member development team
- Modernized CI/CD tooling for in-vehicle applications, increasing the pace and reliability of builds while reducing overall processing times by 75%
- Commonized components for in-vehicle applications into shared libraries
- Built front-end UI and co-developed messaging architecture for new rear-seat infotainment system
- Limited product owner duties as backfill for a small scrum team

Founder

Jun 2016 — Present

Just Danger

Detroit Metropolitan Area

Originally formed as a simple asset-holding company Just Danger has transformed into a full-service technology and innovation consultancy and startup studio.

Consultant | Systems Designer / Developer

Apr 2016 — Jun 2018

VisionIT

Greater Detroit Area

At VisionIT I primarily worked on contract with General Motors, continuing to support the in-vehicle apps team with tools development. Occasionally this work would see us developing new proofs-of-concept for new vehicle applications as well.

Consultant

Jan 2014 — Apr 2016

Lochbridge (Formerly Compuware)

Detroit, MI

Systems Designer / Developer

Apr 2013 — Jan 2014

Compuware

Detroit, MI

Software Developer

Oct 2011 — Apr 2013

Compuware Ventures

Detroit, Michigan

Primarily I work within the Compuware Ventures group building technology for the companies that Compuware has invested in.

- Built technology (frontend & backend) for local news startup DeadlineDetroit.com
- Built technology (frontend & backend) and did initial architecture of ML ranking algorithms for national news platform glocal.com
- Did frontend development for search and discovery platform Ripple, assisted with platform rewrite when it pivoted into a local rewards platform RippleCommerce / Wantify.
- Built a number of PoCs and technology demos evangelizing Compuware's philosophy of development and technology

forward position

- Co-ran local meetups (Detroit Lean Startups, Mobile Mondays Detroit)
- Software development instructor for Compuware's code camp in partnership with Quicken Loans & University of Michigan (IT in the D)

Co-founder / Producer

Aug 2011 — Jul 2017

Dream Monster

Detroit, Michigan

Managing the day-to-day business (or shoot-to-shoot) business for Dream Monster. Mostly this involves client contact, purchasing, and job evaluation.

For productions I do quality control checks, and editing when necessary.

Company Intern

May 2010 — Oct 2011

Compuware

Continued mobile development work while at Compuware, nominally as an intern as I was working full time while going to school full time.

Web Developer & Community Manager

Jan 2010 — Jan 2012

Year of the Blacksmith.com

I manage the community at Blacksmith Music Corps Year of the Blacksmith Website.

General duties include keeping the site updated, consulting with Blacksmith on changes to make to the site, and managing / removing spam and spammers.

I also helped organize the site's very first community mixtape competition. We gathered over 1000 recordings from our community members and held a contest that put the site's top talent on a mix tape hosted by Mick Boogie and Talib Kweli.

Intern

Jun 2009 — Aug 2009

Compuware

Developed a mobile interface for server administration for the Blackberry platform.

Created a mobile anomaly-logging program that communicated with a RESTful web backend.

Assisted an architect with the creation of a port for the anomaly logger on the Android Platform.

Developed a Proof-of-Concept for a mobile version of the corporation's intranet site.

Intern

Jun 2008 — Aug 2008

Compuware

- Worked the software architects' intern group in developing a common reporting framework, utilizing the Eclipse Foundations BIRT framework, to be deployed across all Compuware products.

- Created numerous sample BIRT reports based on real data.

- Contributed to the Integration of the reporting framework into Compuware's VSM dashboard.

- Integrated charting library FusionCharts into the developed framework

Lead Developer

Nov 2007 — Jan 2010

Indiepoint.net

Built Indiepoint website / ranking boards and integrated Simple Machines Forum into it. Also built a feed between Indiepoint uploads and a shoutcast radio stream that we set up for the site.

Intern

Jun 2007 — Aug 2007

Compuware

Worked with an intern group in developing a portal-based alternative to the corporate intranet.

Freelance Developer / Designer

Jan 2003 — Apr 2017

Freelance Development

I take freelance contracts when I have time.

EDUCATION

Michigan Technological University

Aug 2007 — May 2009

Computer Science

Houghton, MI

PROJECTS

JesseDorsey.com

Personal site for me

Sparen Homes

Sparen Homes is an application / marketplace that provides support for an end-to-end homebuying experience. Initially targeted at people in the FSBO market.

Chordsnap

Simple web utility that tells you the names of chords that you are playing - will eventually evolve to include some game-like practice and training features.

Park Detroit - City of Detroit

The City of Detroit was creating a new parking system driven by an app, and proving more convenience to the residents and visitors. Unfortunately the final website and brand did not speak to the ease, it only highlight the app. With a week or two left to unveil we were tapped to give the brand a voice, image, and website that really captured the mission. Freedom to Park. Freedom to Explore.

Project Deliverables:

Messaging

Responsive Website Design / Development

Photography

Timeline: 1 Week

CES Connected Vehicle

The next stage in the automotive evolution arrives in the form of Compuware LAYR, a conceptual connected vehicle framework. LAYR breaks down barriers between apps and services, combining information for a completely personalized driver experience

More than navigation, more than infotainment: LAYR is a vehicle-focused, driver-centric environment where information is seamlessly woven into a single intuitive interface. LAYR is:

Contextual. LAYR prioritizes the most relevant, highest value information based upon location, route and driver preferences.

Adaptive. LAYR uses predictive filtering to automatically learn what information is most important to the driver, delivering only the alerts they want - when they want them.

Personal. LAYR's easily adaptable interface provides drivers and the OEM with a virtually limitless range of customization and branding options.

Glocal.com

Glocal is a video news & information website that focuses on local content, allowing local communities to share their stories in the global experience.

Wantify

Wantify is a social deals site, more information coming after launch.

MyMentalSpace Chrome Extension

I developed the initial chrome extension for MyMentalSpace and have on going work upgrading and maintaining it.

TEDx Alva Park

TEDx event at Henry Ford Innovation Institute

Deadline Detroit

Deadline Detroit is an online publication that covers metro Detroit.

iWish4Detroit

Over the course of three days we created the 2012 site for iWish4Detroit the site allows members of the community to send us their wish for the city, and we may broadcast it on the Compuware iWish4Detroit float during America's Thanksgiving Parade.

Detroit House of Judah - Documentary

Dream Monster was tasked to produce a documentary for the Detroit House of Judah

Black Star Hub

I was tasked with creating a site where fans of the hip-hop group Black Star could find out more information relating to the artists, in two weeks.

My task involved consultation work to the effect of where the site should be located, and the task of actually designing the theme and seeding it with content.

African Body Adornment 2012 - Casting Call

Dream Monster was tasked to do a behind the scenes video of the casting call for the African Body Adornment.

Gomez Real User Monitoring

I wrote a bit of the Android code for this project, and I ported the project from Android to Blackberry.

Ripple Website

Developed the first web presence for an exciting new startup.

HelloMyNameIsRaven.com

Raven67854 maker of tutorials on youtube requested that I make something really quickly for his landing site. It wasn't the highest priority in the world so that is what we came up with.

Something better will be coming down the line soon.

Ponyride.org

Created a wordpress theme based on designs by Studio Couture Detroit for one of their clients, a non-profit dedicated to making space available for various ventures within the city.

Community Mixtape Competition

Assisted with organizing the Year of the Blacksmith Community mixtape on the community side. I acted as a liason between the competitors, winners and Blacksmith Music Corp's representatives.

Detroit House of Judah Website

I was tasked to get a quick website (3 day turnaround) off the ground for the Detroit House of Judah. So that they would have something to present at a conference.

CERTIFICATIONS

Post-It Note Certified Applicator, PostHog

Design for Six Sigma (DFSS) - Green Belt, General Motors

SKILLS

Software Architecture · Engineering Management · Cloudflare · Google Cloud Platform (GCP) · Software Product Management · E-Commerce · Software Project Management · Python · Django · Flask · AWS · Terraform · CI/CD · Natural Language Processing (NLP) · Rust (Programming Language) · Solidity · Webrtc · Mqtt · Chromium · tvOS · WebOS · WebGL · Three.js · Generative AI · Artificial Intelligence (AI) · React Native · PostgreSQL · Representational State Transfer (REST) · Relational Databases · Shopify · Full-Stack Development · TypeScript · GraphQL · Process Improvement · Risk Management · Design Failure Mode and Effect Analysis (DFMEA) · Root Cause Analysis · Customer Satisfaction · Leadership · Engineering Leadership · Video Game Production · Studio Management · Product Management · Team Management · Strategic Technology Planning · Strategic Technology Development · Machine Learning · Back-End Web Development · Fundraising · Corporate Partnerships