



JACK CAMPANELLA – SOFTWARE ENGINEER

NARRATIVE

Jack joined Pyrologix after working in the data ETL space building full-stack applications for business analytics and operations. Throughout his career, he has delivered data visualization tools, machine learning solutions, payment processing infrastructure, and cloud computing systems.

ACCOMPLISHMENTS

- Lead the development of the team's internal Wildfire Risk Assessment automatic report generator which helped deliver 56 different county reports.
- Helped build the architecture pipeline that facilitates running the company's primary fire simulations in the cloud.
- Developed functionality in the company's open web application that allows clients to provide feedback and information on landscapes in their area.

WORK HISTORY

Software Engineer, Pyrologix LLC, Missoula, Montana
August 2022-Present

Full Stack Developer, Acho Inc, Boston Massachusetts.
November 2021 – August 2022

Full Stack Developer, Prime Labs Inc, Missoula, Montana.
November 2019 – November 2021

EDUCATION

BCS 2019 Computer Science University of Montana

SKILLS

Full Stack Development	Cloud Services
API's	CI/CD
Databases	Frontend Interfaces

TOOLS & TECH

Languages	TypeScript	Python	Ruby	Java	
Frontend	React	Redux	Vue 2 and 3	Nuxt	React Native
Backend	Node.js	Express	Ruby on Rails	Fast	
Database	Postgres	MySQL	MongoDB	Redis	SQLite
AWS	EC2	S3	RDS	Lambda	EFS
GCP	BigQuery	Compute Engine	Kubernetes Engine	Cloud Functions	Cloud Storage
Cloud	MongoDB Atlas	Firebase	Cloudinary		
Misc.	Docker	Socket.io	Git	Bitbucket	Jira
	Trello	Figma	Stripe		

CODE

jott – React Native, TypeScript, MongoDB, Node.js

Offline first exercise and body-weight tracking mobile app built with React Native. Users can use the app without creating an account.

ms-collect – Python

Package that provides visualization utilities for mass spec related data (specifically ms-1 features and collections).