

JONATHAN GODBOUT

Data Scientist | Product Manager | UX Designer | Entrepreneur

+1-207-467-5820 @ godbout.jon@gmail.com
www.linkedin.com/in/jonathan-godbout
https://www.jonathanjamesgodbout.com/ Waterville, ME



SUMMARY

Jonathan has been the co-founder and the Chief Operations Officer/Chief Technology Officer of Prospector, Inc. since 2020. He is also a founder and former CTO of iBUILD, a web and mobile platform that connects homeowners and organizations to professionals in the construction industry. He has over 15 years of experience in product design, UX design, project management, data science, business transformation, analytics, and process improvement. Furthermore, he is an IBM-certified expert consultant, project manager, and Lean Six Sigma Black Belt as well as Dirigo Labs' Entrepreneur in Residence, mentoring startups in Maine. His adept leadership in technology and operations, position him well for roles requiring the direction of teams in delivering analytical insights and navigating complex challenges in diverse environments.

EXPERIENCE

Co-Founder & Chief Technology Officer 2020 - Present
Prospector Waterville, ME

Prospector revolutionizes investment analytics in the mining sector with its AI-driven platform that combines machine learning and natural language processing. It offers in-depth, real-time insights into over 12,000 global mining projects, empowering stakeholders with critical data for informed decision-making.

- Leads all product development for an Artificial Intelligence platform that leverages machine learning and natural language processing to provide investment analytics on mining companies.
- Managed the company's operational activities, including budget forecasting and the creation of compelling investor pitch decks.
- Oversees a 30+ person team that includes PHP engineers, AI/ML Ops engineer, data scientists, data analysts, HTML5 engineers, DevOps engineer, mobile engineers, product managers, and QA engineers co-located in US, Kenya, Canada, Peru, and India.
- Developed an automated daily email digests using LangChain, open source models, Cohere, and OpenAI to summarize filings from mining companies on drilling results, mergers/acquisitions, and earnings.
- Designed the front-end user experience and back-end data architecture all built on cloud with MongoDB, AWS, and Snowflake databases with 300+ endpoints.
- Oversaw the design and deployment of micro-services for text extraction and ML/NLP model application capable of managing 2 million plus public filings.
- Enhanced analytics to include production, costs, life of mine, and resources/reserves via a human-centered AI review loop, optimizing data classification and KPI extraction.
- Achieved a 5x annual revenue growth in the first 3 years while securing and maintaining strategic relationships with Factset, BHP, USGS, Newmont, and other mining companies.

Entrepreneur in Residence (EiR) 2023 - Present
Dirigo Labs Waterville, ME

Dirigo Labs is a startup accelerator based in Waterville, Maine, focused on fostering mid-Maine's economy by supporting innovation-driven entrepreneurs. With an emphasis on cleantech, software, AI, and manufacturing, Dirigo Labs offers a nurturing environment for startups via mentorship, a customized curriculum, and access to a network of advisors and investors

- Coaching 13 accelerator participant companies on diverse business aspects.
- Led 7-session financial modeling course, enhancing cohort member strategic analysis.

Co-Founder 2015 - Present
iBUILD Global Nairobi, Kenya

iBUILD is a mobile app and web platform which is a virtual marketplace connecting homeowners with architects, financing, construction workers, suppliers, and builders from construction project design to completion. Currently, 50,000+ users.

Chief Technology Officer (2015-2020)

- Supervised a team of 15+ members, including PHP/Java engineers, REACT engineers, DevOps engineers, mobile engineers, product managers, QA engineers, and customer support spread across the US, Kenya, and India.
- Directed the user design process, ranging from user research and wire-framing to the creation of high-fidelity design files.
- Devised SQL and NoSQL schemas and guided the back-end team in defining over 450 endpoints to support various applications.
- Oversaw the company's operational activities, encompassing budget forecasting and investor pitch deck creation securing over 2 million dollars of investment.
- Managed valuable partnerships with global organizations like Habitat for Humanity, Shelter Afrique, and Mastercard Labs.

ACHIEVEMENTS

- Developed AI platform to analyze 2M+ filings, to be Factset's mining data provider.
- Launched construction payments app, grew to 50K+ users in Kenya.
- Led development of an analytics tool to track \$65B in government contracts

CERTIFICATIONS

Lean Six Sigma Black Belt
IBM Certified Project Manager
IBM Certified Expert Consultant

EDUCATION

B.A. Economics & International Studies

Colby College
2004 - 2008 Waterville, ME

SKILLS

Agile Project Management ●●●●●
Analytics & Visualization ●●●●●
Data Architecture & System Integration ●●●●●
Design Thinking ●●●●●
Financial Modeling ●●●●●
Investment Presentations ●●●●●
HPC Workflow Design ●●●●●
ML/NLP ●●●●●
Org Change Management ●●●●●
Payments & Fintech ●●●●●
Process Improvement ●●●●●
Product Design & Management ●●●●●
Prototyping & High Fidelity Wireframing ●●●●●
User Journey Mapping ●●●●●

EXPERIENCE

Founder & CEO 2014 - Present

Growing on the Vine Cincinnati, OH

Real Estate development company focused on historic renovations in Cincinnati.

- Secured investor funding and managed the \$1.2M budget for the rehabilitation of a historic 10,000 SQF building in Cincinnati, comprising seven apartment units and valuable commercial space.
- Oversaw renovation project, ensuring use of funds through 200K equity investment, 500K tax credits, and 1M debt financing, while adhering to project timelines and quality standards.

Senior Managing Consultant 2008 - 2015

IBM Washington, DC

Jonathan led 15+ person team on \$3M+ projects across a wide variety of industries – government, military, healthcare, finance, security, and supply chain – to resolve critical strategic questions and analytical challenges for clients.

- Managed the creation of an analytics tool for tracking over \$65 billion USD in DoD contracts with Tableau and DoD infrastructure, streamlining procurement decision making and reporting aligning spending with strategic missions.
- Led a team that conducted an in depth budget analysis and developed a performance management framework for the Office of Secretary Defense, managing over \$4 billion.
- Led a team that developed an interagency business intelligence platform to advance procurement processes and streamline the vetting process for contractors engaged with the DoD in forward deployed environments.
- Spearheaded business development, managing a pipeline over \$50M, authored 50+ proposals and white papers for \$300M+ opportunities, and coordinated IBM's first executive trip to Afghanistan to establish an IT incubator.

SOCIAL INVOLVEMENT

Board of Directors 2014 - Present

Freedom for Immigrants United States

Freedom for Immigrants is an NGO dedicated to abolishing immigration detention, offering support through initiatives like a visitation network, a national hotline, and a bond fund.

- Served as a voting board member, contributing to funding efforts that expanded the organization's annual budget from \$100K to \$1M over five years
- Assisted founders in securing grants to support the visitation program database

Technical Consultant 2021 - 2022

AYZH Remote

Ayzh, founded by Zubaida Bai, develops affordable \$3 Clean Birth Kits to ensure safe childbirth in under-resourced settings, directly impacting 500,000 people globally since 2010.

- Managed a team of two interns in the creation of a Watson Assistant-powered chatbot on IBM Cloud, enhancing health information accessibility.
- The developed chatbot answers questions about cervical cancer, HPV, birth control, and prenatal care, supporting women's health education.

Technical Lead 2021 - 2021

Operation We Care Afghanistan Remote

Operation We Care Afghanistan was a critical part of the Digital Dunkirk initiative, aimed at evacuating Afghan allies from Kabul in response to the Taliban's recapture of Afghanistan.

- Established a cloud-based application and database, facilitating the coordination of a rapid evacuation of over 10,000 Afghans within a 48-hour window.
- Managed the application over a 3-week period to assist ongoing evacuation efforts from Kabul, as part of the Commercial Task Force's crucial initiatives.

Social Investment Council 2013 - 2017

Echoing Green Washington, DC

Echoing Green funds social entrepreneurs innovating for global change and impact.

- Acted as a consultant in 15+ brain trust sessions, providing crucial insights to fellows.
- Streamlined collaborations through a formal process to link fellows with IBM consultants, enhancing resource accessibility and expertise sharing.

Program Manager 2013 - 2015

IBM THINK! Volunteering Washington, DC

IBM program to link IBM volunteer consultants with social entrepreneurs to do business transformation projects.

- Launched and coordinated a global initiative managing IBM's pro bono volunteers and projects with social entrepreneurs, engaging over 50 consultants
- Led a team of IBM volunteers in designing a franchise model for low-cost birth kit sales across India, supporting vital healthcare access improvements

TECHNOLOGIES

Programming Skills

Python · Javascript · Django · FastAPI ·

Streamlit · HTML/CSS · REACT

AI & Automation Tools

Pytorch · Tensorflow · Huggingface · Twilio ·

DialogueFlow · Watson · Langchain

Database

SQL · PostgreSQL · Neo4j · Pinecone ·

MongoDB · Snowflake · Redis · Firebase

Analysis Tools

Jupyter · Sagemaker · SPSS · R · Excel

Cloud Hosting

AWS · Azure · Google Cloud · IBM Cloud

Payments & Fintech

Stripe · mPesa · Mastercard · PayPal

Design Software

Adobe XD · Figma · Adobe After Effects

Development Operations

BitBucket · Github · Sonarcloud · Sentry ·

CircleCI · Postman · Swagger

Visualization & Website Builders

Wix · Wordpress · Tableau · Retool · ArcGIS ·

QGIS · CORTO · Geoserver · Lucidchart

Management & Operations

JIRA · Asana · Confluence · Hubspot · Coda

REFERENCES

Jason Prow, IBM Partner

+1-202-441-1737
jprow@us.ibm.com

Lew Schulman, iBUILD Board
Chairman

+1 (919) 699 -1852
lew.schulman@ibuild.global

Emily King, Prospector Co-Founder
& CEO

+1 (518) 598-7241
emily@prospectorportal.com

Zubaida Bai, Grameen Foundation
CEO

+1 (970) 889-8811
email@zubaidabai.com