Jonathan Goldfarb

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20423 Cider Ct.   •   Bend, OR 97702

Summary: Technology development and product management professional with diversified experience in business and research environments. A results-oriented individual with a combination of hands-on software engineering competencies, strong communication skills, and a passion for delivering value through creative, innovative, and effective solutions.

Experience

Curi Advisory   **Raleigh**, NC (Remote)

Full Stack Engineer   *April 2022–Present*

- Enhance and optimize the team's core product: a dashboard serving critical business intelligence to 500+ active users, fed by an ETL pipeline incorporating 100k+ datapoints from medical practice source systems daily; core technologies: TypeScript, Python, SQL
- Deploy web-facing and backend services into Google Cloud Platform utilizing the best available tools including Kubernetes, Helm, and Pulumi
- Develop and implement a monitoring and quality assurance strategy to ensure application health and data CIA (confidentiality, integrity, and availability) using GCP-native tools
- Manage product handoff between partner organizations, transitioning from a single application to a federated model with minimal disruption to client services, leveraging a custom Auth0 SSO integration to provide a seamless user experience
- Maintain HIPAA and business policy compliance in the application by addressing vulnerabilities as discovered by pentest, SAST, and code scanning tools
- Facilitate agile team practices: engage team at daily standup, provide technical insight to product owners during backlog grooming and strategic planning, and introduce + run sprint retrospectives

Nike - Training Engineering   **Beaverton**, OR (Remote)

Full Stack Engineer   *July 2021–March 2023*

- Rollout retail training iOS application to 500+ global retail locations, coordinate releases and platform iterations with external vendor, and integrate with Google Firebase for error analytics.
- Support ColdFusion + Vue + Python + PostgreSQL application serving 40k+ active users, address critical user-facing issues, and develop modernized cloud infrastructure for lift-and-shift migration.
- Integrate vendor and internal APIs to create transaction processing system scaled to 10k+ events/day with TypeScript deployed on AWS Lambda, DynamoDB, and S3, orchestrated using Step Functions and API Gateway. Consult on infrastructure strategy and generate CloudFormation Infrastructure-As-Code (IaC).
- Automate business processes and user journey functional tests with Cypress.
- Develop Jenkins pipelines for packaging a NodeJS library and building & publishing Docker images. Generate unit and integration tests with Mocha.
- Build dashboards for golden signals, SLIs, and SLOs on Splunk and SignalFX for stakeholder visibility.

Desert Frog Solutions LLC.

Founder   *September 2020–Present*

- Project Management: Breakdown client requirements and goals into executable project plans, negotiate and validate team efforts against planned outcomes with LiquidPlanner, Excel/Google Sheets, Jira, and Monday.
- Software Development: Build CRM middleware (Golang) integrating social media and marketing platforms for analytics and engagement product deployed on Heroku, automated with Terraform. Create prototypes and technical demos in React, Node.JS, and Python orchestrated with Docker-Compose and Kubernetes.
- Automation: Develop GitHub Actions for workflow operations. Demonstrate and build SalesForce and HubSpot integrations for ERP and CRM applications, client marketing & communications campaigns, and activity optimization.
- Knowledge Transfer: present code-driven workshops, facilitate team progress and problem solving sessions, and deliver coaching on agile process implementation.

Dental EMR   Bend, OR (Remote)
Engineering Manager   *October 2020–January 2021*

- Design and develop features across a RESTful Python (Django) backend and a JavaScript (AngularJS) application deployed on Google Cloud Platform. Generate data models & documentation, integrate external APIs with frontend code. Evaluate, review, and initiate Python 3 migration.
- Communicate with technical and non-technical team members and stakeholders to develop requirements for product iterations and technology strategies for data and application security (HIPAA compliance). Develop user stories on Atlassian Jira using Scrum/Sprint practice and manage support issues with Kanban.
- Consult on marketing copy, branding, and business strategy/positioning.

NoetherRudin DBA Dolr   Columbus, OH (Remote)
Technical Co-founder   *September 2019–January 2021*

- Build core single payment and daily payments B2B & B2C products from wireframes to prototypes to production, through dozens of iterations and customer feedback. Realize Webflow design as a reactive, robust, and data-driven JavaScript (SvelteJS) application.
- Design, implement, and deploy backend-for-frontend to EC2, Lambda, API Gateway, & RDS, integrated with Plaid, Mailgun, and Dwolla, executed with Python and NodeJS. Build SQL schema and migrations for PostgreSQL relational database (RDBMS).
- Manage Auth0 integration and vendor relationship, creating a delightful authorization and authentication experience for secure dashboard.
- Architect containerized continuous integration and deployment pipelines using Docker and Gitlab; integrate code-driven cloud application deployment to production environment.
- Provide technical review and infrastructure advising aligned with technology & product roadmaps as business moved from 0 to 1+. Deliver training on security and development practices for emerging teams. Collaborate on capacity planning, sub-tasking available resources, and risk analysis. Create integration-level test and cut-over plans. Generate API collateral and detailed user stories.

Deschutes County Public Health, &c
Volunteer   *2020–Present*

- Volunteer to assist in hands-on and leadership roles, from directing traffic and resource flows, to assisting members of the community of all ages and abilities in their access to essential services.
- Engage in outreach and fundraising activities for inclusive mission-oriented organizations; build strategy for growth and value generation.
- Communicate effectively with members of the public, and develop activities of vendors, clients, and colleagues around common goals. Encourage civic engagement and learning of future generations of leaders and thinkers.

Education

Florida Institute of Technology   Melbourne, FL
PhD, Applied Mathematics   *Spring 2016*
Dissertation Topic: *On the Optimal Control of Free Boundary Problems for Second Order Parabolic Equations*

Skills

Analysis: Objective, people-first approach to process and technology decision-making. Rigorous analytical compentencies and agile mindset applied to requirements discovery and rapid delivery of effective, quality work products.

Project Management: Proficient with Microsoft Office applications and tools such as Jira, Github, and Kanban. Outcome-driven, focused on effective strategies for investing resources, mitigating risks, and discovering opportunities.

Software: Experience with several programming languages, including SQL, C++, Lisp, Node.JS, Go, and Python. Full-stack product development on Amazon Web Services (AWS), Google Cloud Platform (GCP), and Heroku with frameworks such as React, Express, and Django.

Communication: Outstanding interpersonal skills in written and verbal formats; empathetic, positive, and growth-oriented approach to empowering and mentoring project team. Experience interfacing with external vendors for evaluation, integration, and ongoing support. Generate and present up-skilling training workshops, product demonstrations and documentation, and supporting collateral for technical, nontechnical, and executive audiences.

Service: Demonstrated ability to identify and document operational issues and latent requirements. Multi-disciplinary collaborator comfortable integrating stakeholders, principals, and subject-matter experts to breakdown, characterize, and scope work. Competent implementation and validation of customized business solutions providing transparency, quality, and efficiency aligned with project, product, or program metrics.