

Todd Cleckner
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I am a self taught and motivated visionary that brings unique perspectives, ideas and solutions to projects. My experiences as an engineer, international humanitarian, farmer, and contractor have given me the ability to plan and execute large, timely projects; build and lead teams; rapidly identify and solve problems; bring divergent information, data, and perspectives into insights and solutions; and learn new skills and concepts rapidly.

I have been studying, developing, and practicing regenerative agricultural modalities since a small boy in my grandfather's Arizona gardens. I have worked on farms and plantations in many countries, climates, and ecosystems. Currently I'm developing a 1/2 acre urban regenerative property and working with New Mexico ranchers on local environmental and economic initiatives.

For 27 years I have run a construction company that has specialized in custom home renovations using green materials and practices. This profession has refined my skills in client relations; project design and management; team building and leading; troubleshooting and problem solving; and perseverance. I have been winding down this business as I transition to full time software engineering.

Over the last 7+ years I have been expanding my knowledge and experience in full stack engineering. In 2015 I started working with a decentralized terrestrial physics research community and the development of earthquake forecasting techniques with them. In 2016 I started 9 RESE` to help with their research, as well as develop and manage the backend for their Disaster Prediction App. Most recently I have been developing a real time space weather data aggregation Flutter app. Over these years I have built skills and gained experience in many languages, platforms, services, and use cases. My current status at 9 RESE` is "On Call/As Needed" averaging less than 20 hr/p/m.

I have also recently been expanding into the blockchain sector, helping build new solutions and tools that will enable a decentralized, p2p global community while protecting individual sovereignty. I am deeply involved in the Cardano ecosystem, currently running the [SOIL] stake pool; and having been in the first pioneer programs for Plutus and PRISM. I am also currently in the Cardano Developer Professional program at Emurgo.io and will follow that up with their Cardano Solutions Architect program.

I'm always looking to work with good causes and people on projects that further self and food sovereignty; healthy ecosystems; and strong communities. Ideally, I am looking to join a team that is forwarding the use case and adoption of the Cardano blockchain as a full time junior engineer/architect.

Skills

- Dart/Flutter
 - Web
 - Mobile
- Haskell
 - Plutus
 - Marlowe
- Python 2 & 3
 - Data science
 - Data visualization
 - Backend
- Javascript/TS
 - Web, Mobile, Backend
 - Node.js
 - React
- Database
 - SQL
 - PostgreSQL
 - NoSQL
 - Firestore
- HTML/CSS
- Kubernetes
- Docker
- Jenkins
- Git/Github
- Wordpress
- GIS
- REST API
- Agile
- Shell Script
- Serverless
- GCP
 - IAM
 - Compute Engine
 - Kubernetes Engine
 - PUB/SUB
 - Cloud Storage
 - Datastore & Firestore
 - Cloud Run & Functions
 - VPC
 - Monitoring & Logging
 - CI/CD

- Firebase
- Billing
- And more...
- AWS
 - IAM
 - EC2
 - Lambda
 - Elasticbeanstalk
 - S3
 - DynamoDB
 - RDS
 - Cloudwatch
 - Cloudfront
 - VPC
 - Billing
 - And more...

Education

- Associate of Science - Computer Science from Central New Mexico Community College
 - Aug 2015 - Jan 2017
 - Phi Theta Kappa
- Foundations of Blockchain with Cardano Overview from EMURGO Academy
 - Oct 2021 - Dec 2021
- Cardano Developer Professional from EMURGO Academy
 - Dec 2021 - Jul 2022
- Udemy:
[udemy.com/user/todd-cleckner/](https://www.udemy.com/user/todd-cleckner/)

Certifications

- Atala PRISM Pioneers Dec 2021
- Plutus Pioneer Cohort 3 March 2022
- [credly.com/users/todd-cleckner](https://www.credly.com/users/todd-cleckner)

Publications

- Weatherman's Guide to the Sun 1st & 2nd Editions
 - Researcher Coordinator