LORENZO ZEMELLA
Full-Stack Web Developer

CONTACT

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PROFILE

Dedicated full-stack developer with expertise in building high-performing web applications and APIs for fast-paced startups. Leveraging the latest technologies, I optimize code for speed, efficiency, and cost-effectiveness. As a seasoned entrepreneur and CTO of multiple successful startups, I've developed strong leadership skills, successfully managed code reviews and engineering teams onshore and offshore, and navigated complex operations, including hiring, budgeting, investor relations, and fundraising. Adept at wearing multiple hats and delivering results with minimal resources. Profoundly passionate about applying AI-powered tools like Copilot.

EDUCATION

BS | Computer Science
University of Wisconsin-Madison
2007 — 2011

SKILLS

- React, Node, NextJS
- TypeScript / JavaScript
- SQL, Postgres, NoSQL
- HTML5, CSS, Tailwind
- Shadcn/UI, HeadlessUI
- AWS, GCP, Cloudflare, Vercel
- Docker, Github Actions
- Scrum / Agile

Non-technical

- Operations Management
- Startup Operations
- Executive Presentations
- Fundraising; Investor Relations
- Sales and Pricing Strategy
- Contract Negotiation

WORK EXPERIENCE

Novele - CTO, FULL-STACK DEVELOPER NY, remote / 2015 - Present
- Built the Energy Board dashboard and control center with Typescript, NextJS (RSCs), React, and Postgres and Timescale databases
- Deployed production to AWS (IoT), Cloudflare and Supabase to use global edge functions and proper caching for highly performant microservices
- Built the corporate landing website with NextJS, TailwindCSS and deployed the static export to Cloudflare for low latency and to reduce costs
- Assembled and led the team of 8 engineers that designed Energy Board, an internet connected (IoT) energy storage device for commercial use
- Co-founded Novele, an energy storage technology company, backed by industry leaders Bjarke Ingels Group, Techstars, and UHNW family offices
- Selected for and participated in Techstars (Dubai 2018) as a co-founder

Apogi - FULL-STACK DEVELOPER, co-founder Remote / 2022 - 23
- Founded web3 platform for lifestyle brands and influencers to sell virtual goods directly on their ecommerce stores to their fans and customers
- Developed web dashboard application using Typescript, React, NodeJS (NextJS), and FaunaDB (document relational) for uploading and filtering the virtual assets
- Deployed smart contracts written in Solidity to Ethereum network to sell NFTs connected to physical and virtual products and images
- Hired and developed alongside an agile team to build a dashboard and a ReactJS component "buy now" button linked to a distributed API on the edge

Incroud - JR FULL-STACK DEVELOPER Santa Monica, CA / 2014 - 2015
- Developed web applications using AngularJS, NodeJS, Cassandra (NoSQL)
- Worked with mobile, Xamarin, and NodeJS backend developers by adding endpoints to the Node JS API as the scope of the application grew
- Acquired by Veriown Global in 2017 - founding engineer team member