

Daniel Durante

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<https://github.com/durango>

Former CTO of options & derivatives market analysis platform, author & technical editor for Pakt publishing, consultant & strategist for Fortune 100 companies, and a full stack developer for over 25+ years. Developed on projects that have been used by companies such as Hubcash, Stripe, and Walmart. If you need a project to go from zero to one let's talk.

PROFESSIONAL EXPERIENCE

Civic-Chain | Gainesville, FL (remote)

2026 - current

CTO & Co-Founder

- Infrastructure design and implementation following FIPS, SOC-II, and NIST SP 800-57 guidelines.
- Design and implemented solicitation and proposal procurement process and procedures.
- Implemented support for multiple stablecoins and FedNow ramps.

LoyalLink | Gainesville, FL (remote)

2023 - current

Infrastructure Director

- Architected auto-scaling infrastructure on AWS capable of handling 10x traffic spikes during major on-sale events, reducing page load times by 30%.
- Built infrastructure-as-code using Terraform and Terragrunt, reducing environment provisioning time from days to under 30 minutes.
- Developed CI/CD pipelines using GitHub Actions CI that enabled 50+ daily deployments with zero-downtime releases.
- Automated infrastructure testing and security scanning, catching 80% of configuration issues before production.

Genesis Volatility | Gainesville, FL (remote)

2018 - 2023

CTO & Co-Founder

- Designed fault-tolerant matching engine architecture achieving 99.99% uptime across perpetual futures, options, and structured products.
- Built real-time Greeks calculation engine (delta, gamma, vega, theta, rho) enabling dynamic hedging for market makers.
- Architected and scaled a high-performance derivatives analysis engine processing 500K+ orders per second with sub-millisecond latency.
- Performed DevOps tasks (with Terraform and Saltstack) under AWS. Maintained logs, servers, and managed billing requirements.

FRST.io | Gainesville, FL (remote)

2018 - 2020

Principal Developer

- Maintained an infrastructure (go and rust) for processing real time market data from over 10

exchanges including 900+ markets with a 99.9% SLA.

- Processed on chain data (UXTO) and using 3rd party vendors to act as verification/Source-of-Truths.
- Performed DevOps tasks (with Terraform and Saltstack) under AWS. Maintained logs, servers, and managed billing requirements.
- Mentored and proctored students for an MBA/Engineering program at University of Chicago.

Bmbsqd | Gainesville, FL (remote)

2016 (current — contract work)

Lead Developer & Consultant

- Converted and troubleshooted AccessDB data to MSSQL which was later converted to ElasticSearch data.
- Integrated EasyPost, Mandrill, MailChimp, iTunesConnect, and Access Point Names (APN) for a mobile nail boutique application.
- Created a dynamic-driven packaging and fulfillment label program.
- Worked with HawkMedia in establishing an email campaign workflow for a client.

TrendyButler.com | Gainesville, FL (remote.contract)

2016 - 2018

Developer & Consultant

- Created a synchronized system, in NodeJS, for several 3rd party integrations related to invoicing, billing, and shipping along with a custom PO inventory system.
- Integrated LiteView fulfilling services and TradeGecko's inventory management software.
- Consulted on UX/UI decisions along with metric tracking integration workflows.

Mobiquity | Gainesville, FL

2014 - 2015

Web Developer

- Built a proxy server with NodeJS for communicating with an external API.
- Used SASS, Browserify, Gulp, AngularJS, and Karma for building a frontend portal for a life insurance company.
- Developed an e-commerce website for health clinics (HIPAA compliant) using Magento as the framework. Patched and modified Magento's REST API modules for a single page application written with AngularJS.

CleverTech | New York, NY (remote)

2013 - 2014 (contract)

Lead Programmer & Consultant

- Lead a team of six programmers and two designers to build an HR CRM platform.
- Consulted and trained contractors for using SequelizeJS.
- Created an open-source framework stack in NodeJS with the goal of building a completely modular application called CleverStack with a four-person team.

Fracture | Gainesville, FL

2016 (3 months — contract work/ongoing)

Web Developer Consultant

- Used LESS, Babel (ES6), Browserify, Gulp, and Deku with Redux for building a mobile application.
- Integrated PayPal/Authorize.net payment processing
- Consulted on UX/UI decisions for the application's image editor, cart, and payment processing integrations.

2011 - 2014

Lead Developer

- Built internal software for fulfillment management, CNC machinery, and basic accounting for the board of directors.
- Created APIs for Authorize.net and PayPal, package rates with FedEx/USPS/UPS, and image manipulation.
- Converted several services from PHP & jQuery to Node.JS & AngularJS.

NKPS Media | Remote

2010 - 2011 & 2015

Senior Developer

- Developed a job queue daemon in Ruby to encode videos into MP4 with FFMpeg.
 - Modified Boonex Dolphin 6 and CometChat extensively.
 - Developed an iPhone, and Android, application using PhoneGap.
 - Developed another mobile application four years later with a Flux framework and Virtual DOM for a more native experience.
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SKILLS

Security Consultation: XSS, CSRF, CORs, TLS/SSL, X-Frame, IPTables/Firewall setup

Project Management: Rapid development/release cycle, time management, and team leadership

Frontend Development: HTML5, CSS3, JavaScript, SVG, WebRTC, OAuth 1 & 2

Backend Development: PHP 4+, NodeJS 0.6+, Ruby, Python, Golang 1.2+, Rust 1.1+

Databases & Storage: MySQL 4+, Postgres 9.1+, MongoDB, CouchDB, ArangoDB, Redis, Riak, FoundationDB

Frameworks & Libraries: jQuery, AngularJS, Backbone, Ruby on Rails 3, ExpressJS, Django, CakePHP, CodeIgniter, Sinatra, Magento, PhoneGap, CleverStack, Gulp, Grunt, Karma, Protractor, Babel, React/Redux, InfernoJS, VueJS

Server Administration: Linux, Unix, Mac OSX, Nginx, Cherokee, Apache 2+, HaProxy, Caddy

PROJECTS & CONTRIBUTIONS

InfernoJS - <https://github.com/infernojs/inferno> - Previously on the board of maintainers, implemented the initial setup for inferno-redux located at <https://github.com/durango/inferno/tree/inferno-redux>

Go-Credit-Card - <https://github.com/durango/go-credit-card> - Credit card validator written in Golang using the Luhn algorithm. Was used in a major credit card processing company.

SequelizeJS - <https://github.com/sequelize/sequelize> - One of the first NodeJS ORMs. Core member, oversees issues, implementation of hooks and various other helper methods.

Auth.net CIM - <https://github.com/durango/authorize-net-cim> - Authorize.net's CIM API in NodeJS. Currently featured within their documentation.

Author - Pakt Publishing "Supercharging Node.js Applications with Sequelize", published 2022 - ISBN13: 978-1801811552

Author - Pakt Publishing "Rust Standard Library Cookbook", published 2018 - ISBN13: 978-1788623926

Technical Reviewer - Pakt Publishing "Rust High Performance", published 2018 - ISBN13: 978-1788399487

Technical Reviewer - Pakt Publishing "PostgreSQL Developer's Guide", published 2015 - ISBN13: 978-1783989027

Technical Reviewer - Pakt Publishing "PostgreSQL 9.6 High Performance 2nd Edition" - ISBN13: 978-1849510301

Technical Reviewer - Pakt Publishing "Rust Programming by Example" - ISBN13:
978-1788390637