

Anthony Dattolo

anthonydattolo@gmail.com | tonydattolo.com

Github Profiles:
github.com/tonydattolo
github.iu.edu/tdattolo

Programming Languages:
TypeScript, Python, JavaScript, Java, Solidity, Swift,
C, Go, R

Professional Experience

Stealth, Remote, New York, NY June 2023 – Current
Software Engineer

- Implemented custom authentication and authorization middleware supporting RBAC, multi-tenancy, SSO, feature flags, JWT, httpOnly cookies to prevent XSS attacks, and workspace management with bulk invitations, expirations, refreshes and settings
- Implemented a Shopify style modular monolith componentized architecture based on domain driven design
- Documented all endpoints for OpenAPI schema, implemented fully typed and generated query / mutation hooks, and validation schemas ensuring the backend and frontend are synchronized at build time
- Deployed 9 services using container orchestration with replication, failover, multi-server networking, and firewalls including backend API, reverse proxy, load balancer, task queue, message broker, caching, scheduler, and observability
- Built real time support ticketing system with multiple user types, status updates, and live chat
- Implemented complex theme system with style overrides on default component library classes for a custom design system that is completely documented, maintaining WAI-ARIA accessibility standards, user experience, and developer experience
- Created AI enabled CRM with agents that are context aware of each contacts information complete with a chat with contact, and fully integrated full service in-app email client

Modernbanc (YC W20), Remote, New York, NY September 2022 – June 2023
Software Engineer

- Engineered and tested full stack features according to figma designs
- Configured entire cloud devops on Google Cloud Platform, networking stack, and CI/CD pipelines to be in compliance with over 600+ tests for PCI-DSS, SOC-2, and pentesting
- Served as developer advocate by redesigning the landing page, developing documentation, tutorials and expert technical support enhancing product adoption and client success
- Implemented robust error message tracing with user-friendly transformations formats across hundreds of API routes

MultiversityDAO, Remote, New York, NY May 2022 – August 2022
Software Engineer

Bank of America Merrill Lynch, New York, NY June 2018 – August 2018
Global Wealth & Investment Management Summer Analyst

Anthony & Sons Bakery, Denville, NJ May 2015 – February 2018
Business Development & Marketing

Projects & Hackathons

Projects: Supachat, Twitter Clone

Hackathons: ETHNewYork – guidl (1st place), Mancala Artificial Intelligence Hackathon – Silver State Algorithm (1st place of 150), IU Startup Competition (2nd place) - Multiversity, HackHouseNYC – zebra (2nd Place), Product Feature Design for MindBody – 1st place, Product Feature Design for Realtor.com – 1st Place, RBS NJC4 Strategy Case Comp (1st Place), MindsDB

Technical Skills

Languages: TypeScript, Python, JavaScript, Java, C, Go, Swift, R, Solidity, Dart

Backend: Node, Django, FastAPI, NestJS, Swift, Flutter, Spring Boot, Celery, RabbitMQ, Pydantic, Django-Ninja, Django Rest Framework, GraphQL, StrawberryQL

Frontend: NextJS, React, Redux Toolkit Query, React-Hook-Form, MobX, Formik, Zod, Yup, Material UI, Shadcn, Chakra UI, Bootstrap, React-Bootstrap, JSON, CSS, SCSS, Sass, HTML, Markdown, MDX, LaTeX, KaTeX, Tailwindcss, XML, styled-components, Storybook, Jest, Cypress, Redux-Persist

DevOps: GCP, AWS, S3, SES, Hetzner, Docker, Swarm Mode, Kubernetes (k8s), Terraform, Traefik, Heroku, Vercel, DigitalOcean, GitLab, CI/CD pipelines and runners, Github Actions, SSH, Doppler, networking, firewalls, version control, Git, cloud-init

Databases: SQL, PostgreSQL, Microsoft SQL Server, SQLite, ORM, Supabase, Redis

Other: Linux, VSCode, Linear, Jira, OpenAPI, Swagger, Postman, husky, numpy, matplotlib, pandas, seaborn, beautifulsoup, brownie, wagmi, junit, selenium, OAuth, monorepo, system design, web scraping, ETL, automation, cache, linting, testing, package management

Design: Agile (Scrum), Sprints, Figma, Wireframing, Prototyping, User Research, Usability Testing, UX/UI, Kanban

Business: Financial Modeling, Presentations, Salesforce CRM, Bloomberg Terminal, Excel, Sales B2B/B2C, Negotiations

Education

Indiana University, Bloomington, IN
Bachelor of Science in Computer Science

May 2022
GPA: 3.67/4.00

County College of Morris, Randolph, NJ
Associate of Science in Business

May 2018
GPA: 3.86/4.00