DANIEL CHRISTOPHER

Full Stack Developer

@ dpc99@pm.me   🔗 ibuildapps.live   📍 Washington, DC

EXPERIENCE

DevOps Engineer
Green Threads   05/2025 - Present   Remote

- Contracted for the **U.S. Department of Veterans Affairs**, building and automating cloud workflows on **Azure** and **AWS** to support mission-critical applications.
- Architected scalable, fault-tolerant pipelines, implemented **CI/CD**, and standardized deployments with **Terraform** across distributed environments.
- Deployed and maintained **Azure Function App**s and **automation runbooks**, streamlining serverless workflows.
- Monitored and analyzed Azure **logs** and **metrics** to ensure high system reliability and performance.

Senior Full Stack Developer
Vartech   01/2024 - 05/2025   Remote

- Contracted for **Caterpillar Inc.**, architecting and implementing enterprise-scale data pipelines for supply chain management, handling millions of system-wide events per day with high reliability, fault tolerance, and real-time availability for downstream systems.
- Contracted for the **U.S. Department of Homeland Security**, designing and building enterprise-grade **Spring Boot** backend services and **ReactJS** frontends, ensuring scalable, secure, and maintainable internal applications for mission-critical workflows

Senior Full Stack Developer
Independent Consultant   09/2021 - 12/2023   Remote

- Consulted **GloGreen**, transitioning their architecture to **Holochain** for a decentralized accounting layer.
- Built and co-led a team at Flowell, a Web3 startup; developed a **React Native** app and an in-house **Web3** game engine.
- Developed and deployed a **Solidity** token contract for a stealth Web3 client, enabling a token-gated marketplace with client-side minting in **ethers.js** / **Next.js**.
- Advised Elevar, an AI healthcare startup in Mexico: redesigned architecture to cut 50% of code, led hiring and onboarding, optimized Scrum, and developed a large-scale **React** app.
- Consulted for multiple clients, building production-ready websites using **React** and **Tailwind CSS**.

Full Stack Developer
Plank Labs   04/2019 - 09/2021   Bangalore, India (On Site)

- Developed 10+ high-throughput, event-driven **microservices** using **Spring Boot**, **Spring Cloud Stream**, **Cassandra**, and **Kafka**, capable of processing millions of messages per day.
- Built native iOS (**Swift**/**SwiftUI**) and Android (**Kotlin**/**Jetpack Compose**) apps for private media clients, integrating with backend services and **CQRS**-based architectures.
- Led a team of 5 mobile developers, coordinating cross-platform development and **CI/CD** pipelines, delivering production-ready systems and demos to high-profile media stakeholders.
- Managed a large multi-module **Bazel build system**, optimizing build times, release reliability, and developer productivity across distributed development workflows.

SUMMARY

Full stack developer with 10+ years of experience building **mobile** and **web** applications, **backend** systems, and **Web3** platforms. Thinks in systems and designs end-to-end production architectures at scale.

LANGUAGES

Language	Level	
Java / Kotlin	Native	●●●●●
JS / TS	Native	●●●●●
HTML / CSS	Native	●●●●●
Python	Native	●●●●●
Go	Advanced	●●●○○
Rust	Advanced	●●●○○
C++	Advanced	●●●○○
Solidity	Advanced	●●●○○

SKILLS

Mobile Skills

React Native • **Expo** • **iOS SDK** • **UIKit / SwiftUI** • **CoreData** • **AVFoundation** • **Secure Enclave** • **Background Services** • **Push Notifications** • **Low Energy Bluetooth** • **Rest APIs** • **Websockets** • **Android SDK / NDK** • **Android Lifecycle** • **Android Media APIs** • **Architecture Components** • **Jetpack Compose** • **Dependency Injection** • **Clean Architecture** • **Multi Module Builds** • **MVP** • **MVVM**

Web Skills

HTML • **CSS** • **SCSS** • **React** • **NextJS** • **VueJS** • **Tailwind** • **Styled Components** • **AngularJS**

Backend Skills

Microservices • **Kafka** • **Event Driven Architecture** • **CQRS Pattern** • **Domain Driven Design** • **Actor Model** • **Elasticsearch** • **Spring Boot** • **NodeJS** • **NestJS** • **Go(Gin)** • **Python (Django & Tornado)** • **NLP** • **Web Scraping**

EXPERIENCE

Software Developer (Intern)
Holo.Host   09/2018 - 01/2019   Denver, Colorado (On Site)

- Collaborated with the **Holo** team and founders, providing early developer feedback on **Holochain** libraries while developing an experimental mobile light client bridge for Junto.
- Designed an experimental peer-to-peer semantic search engine leveraging agent-centric architecture, influencing ideas that later evolved into **Coasys.**

Co-Founder & CTO
Junto Foundation   09/2016 - 01/2019   NYC (On Site)

- Website (Now Flux Social)
- Co-founded the first mobile app powered by **Holochain**, raised seed funding and a successful **Kickstarter**, which grew into a global community of thousands.

Data Engineer (Intern)
Censible   05/2016 - 09/2016   Remote

- Built an internal ESG data pipeline in Python (**NLTK**, **NumPy**, **pandas**, **Beautiful Soup, Requests**) to scrape, process, and personalize stock metrics, ensuring continuous updates and high data integrity for internal analytics.

Lead Mobile Developer
Baas Bikes   06/2015 - 05/2017   Washington DC (On Site)

- Led **iOS/Android** development for a **P2P** transportation startup, integrating custom Bluetooth hardware and **BLE APIs** for real-time device communication.
- Provided ongoing consulting and maintenance for years post-launch.

Founder & Developer
Solvely   01/2016 - 10/2016   Washington, DC

- Shipped a #8 U.S. App Store **iOS app** (Education), drove viral growth via Twitter, built and scaled a Tornado server for thousands of requests per minute, and developed a Python **NLP/AI** pipeline (**spaCy, NLTK, NumPy, Word2Vec**) with optimized pattern matching and feature extraction.
- Featured on the front page of **Product Hunt**

Co-Founder & Developer
IcyLabs, LLC   2014 - 2016   Washington, DC

- Co-developed custom e-commerce automation software adopted by **Yeezy Mafia**, a platform with millions of social media followers.
- Built automation scripts that evolved into **ElevateAIO**, a widely used reseller product, demonstrating event-driven, high-throughput task orchestration across distributed workflows.

SKILLS

Database Skills

Postgres • Redis • DynamoDB • LMDB • RocksDB

DevOps Skills

**CI/CD Pipelines • GH Actions • Terraform • Docker •
Kubernetes • AWS • Azure • Logging & Monitoring**

Web3 Skills

**P2P Apps • Libp2p • IPFS • Nostr • Holochain •
Hyperswarm • CometBFT •
Smart Contract Development • ZK Roll Ups •
Merkle Trees • Stateless Clients • WebRTC •
WebAssembly • ethers.JS**

Other Skills

**Team Leadership • Scrum Management •
Recruitment • Interviewing • Product Research**

PROJECTS

NXTBEAT
2025   Location
https://nxtbeatapp.live

- Singlehandedly shipped a **react-native** app for iOS, Android, Web, and Desktop for music producers to network. Grew private alpha community to 50+ members.

INTERESTS

Web3 & Blockchain: Exploring ZK-SNARKs, stateless blockchain clients, mobile rollups, and application-specific chains; actively developing an L1 solution and researching architectures like Holochain, Holepunch/Hyperswarm, and Nostr.