DANIEL CHRISTOPHER

Full Stack Developer

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📍 Washington DC / Northern Virginia

EXPERIENCE

DevOps Engineer
Green Threads   05/2025 - Present   Remote

- Contracted with the U.S. Department of Veterans Affairs, building and automating cloud workflows to support mission-critical applications.
- Configured GitHub Actions pipelines to streamline CI/CD and improve deployment reliability.
- Developed reusable Terraform modules to standardize infrastructure across projects.
- Dockerized existing applications and built scripts to deploy their images.
- Deployed and maintained Azure Function Apps and automation runbooks, optimizing serverless workflows.
- Monitored and analyzed Azure logs and metrics to ensure system reliability and performance.
- Implemented C# Azure Function Apps for internal automation and tooling.

Full Stack Developer
Vartech   01/2024 - 04/2025   Remote

- Contracted for Caterpillar Inc., designing and developing enterprise data pipeline solutions for supply chain management and large-scale operations.
- Built Python data pipelines with pandas, CSV processing, and Snowflake, implementing data quality rules and large-scale processing.
- Architected large-scale front-end applications with internal component libraries used across multiple projects.
- Developed Spring Boot backend services, ensuring performance, reliability, and scalability for enterprise applications.
- Implemented automated testing (JUnit/TestNG) and streamlined CI/CD pipelines, improving code quality and deployment speed.

Self Employed
Independent Consultant   09/2021 - 12/2023   Remote

- Consulted for 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 with a compact JSON-based implementation, guided by mentorship from the Fortnite founder.
- 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, 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.

Fullstack Engineer
Plank Labs   04/2019 - 09/2021   Bangalore, India (On Site)

- Developed 20+ Spring Boot microservices all powered by Spring Cloud Stream and Kafka for a cloud application on AWS.
- Built native iOS (Swift, UIKit/SwiftUI, Combine, CoreData) and Android (Kotlin, Jetpack Compose, RoomDB, LiveData, RxJava, Clean Architecture) apps for big clients in the media industry.
- Led a team of 5 mobile developers, coordinating cross-platform development and CI/CD pipelines.
- Managed a large multi-module Bazel build system, optimizing build times and release reliability.

SUMMARY

10+ years of experience building **frontend, backend, and Web3 applications**. Thinks in systems, knows patterns, and designs end-to-end solutions. Experienced with **React, React Native, mobile platforms, microservices, and decentralized architectures**, with a track record of shipping production apps and leading teams.

LANGUAGES

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

SKILLS

React • **React Native** • **iOS SDK** • **Android SDK** • **Blockchain** • **D-App Development** • **P2P Apps** • **Team Leadership** • **Agile & Scrum** • **DevOps** • **Azure** • **AWS**

STRENGTHS

Frontend Developer
10+ years building **native iOS and Android apps**, React, and React Native — **seen the APIs and ecosystems evolve over a decade**.

Backend Developer
10+ years building backends — from enterprise government systems to large corporate stacks to startup MVPs. **Deep understanding of how different teams operate.**

DevOps Engineer
10+ years of experience with CI/CD pipelines, GitHub Actions, Azure, AWS, Terraform, Docker, and Kubernetes.

P2P / Blockchain Engineer
Involved in **blockchain and P2P systems since 2016** — this is where my passion lies, and I have **deep hands-on knowledge of the stacks**.

EXPERIENCE

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

- https://holo.host
- Collaborated with the **Holo team and founders**, contributing to early product and architecture decisions.
- Designed and implemented an **experimental search engine**, optimizing data flow and agent-based queries for Holochain.
- Built a **NARS AI agent** using Holochain DNA, exploring intersections of agent-based systems and AI.
- Developed an **experimental bridge for Holochain light clients** on iOS and Android, extending decentralized app access.

Co-Founder & CTO
Junto Foundation   05/2017 - 12/2018   NYC (On Site)

- Website (Now Flux Social)
- Co-founded the first mobile app on Holochain, leading product vision and development strategy.
- Raised seed funding and a successful Kickstarter, pausing studies to pursue the project.
- Led a team of 3 developers, coordinating full-stack development and delivery.
- Grew a community of hundreds of Vanderbilt students, fostering early adoption.

Founder & CTO
Solvely   02/2016 - 10/2016   Washington, DC

- Shipped a production iOS app that reached #7 in the U.S. App Store (Education).
- Drove organic growth via a viral Twitter launch, generating millions of views.
- Built a Python NLP pipeline using spaCy, NLTK, NumPy, and Word2Vec to classify and solve multiple-choice questions.
- Designed and optimized pattern-matching and feature extraction with advanced regex and vector embeddings.

PROJECTS

Splash
Date period   Location
Short summary of your work

- Utilizes HolePunch for P2P audio streaming
- ZK proofs on mobile phone for anonymous metric reporting, using Noir
- Developing a new L1 technology, powered by CometBFT

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 to a community of over 50 members.
- Code is available here: Github Repository

2K13-JS
2022   Location
https://xxxxxxxxxxxxxxxxxx-git-main-starlightmasters-projects.vercel.app

- Built a fully functional iOS 5 (2013 iPhone) emulator in React and Tailwind CSS, recreating old nostalgic apps.
- It's been used by multiple e-commerce brands for their website and viral social media content.
- Code is available here: Github Repository

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 and Holepunch/Hyper Swarm.

ADDITIONAL EXPERIENCE

Music Producer
Independent
2019 - Present   Worldwide
@9mzodiac on Instagram

- Multi-instrumentalist and producer
- Production credits with multiple major label signed artists.