

Daena McClintock

Fullstack Software Engineer | Blockchain Developer – Boston, MA

Portfolio: <https://daenamccclintock-swe-portfolio.netlify.app/> • <https://github.com/daenamccclintock>

Contact: daena.mcclintock@gmail.com • <https://www.linkedin.com/in/daenamccclintock> • +1 (781) 733-3076

SKILLS / INTERESTS

Programming Languages: Typescript, Javascript ES6, Python, Solidity, HTML, CSS, SQL

Frameworks: React, Next.js, Node.js, Express.js, Nest.js, Web3.js, Ethers.js, Hardhat, Jest, Chai

Databases & Backend: MongoDB, PostgreSQL, Mongoose, Prisma, Django, Postman, Swagger

Management & Deployment: Amazon Web Services (AWS), Google Cloud Platform (GCP), Cloudflare, Heroku, Netlify

Other Technical Skills: Microsoft Excel and PowerPoint, Financial Modeling, DCF Analysis, Bloomberg Terminal, Stata

Interests: Travel, Scuba Diving, Surfing, Skiing, Playing Guitar, Reading, Live Music, Emerging Technologies

PROJECTS

Web3 Social

Fullstack social media application built for the web3 community to collaborate. Application features user secure sign in and authentication with a web3 wallet of choice, the option to set owned NFTs as a profile picture, and edit other aspects of the social media profile. Users can post written content as well as photos, which are stored in IPFS and accessed via a Moralis database. Smart contract developed with Solidity, tested with Chai, and deployed using custom Hardhat JS scripts. Frontend built with React and Web3UIkit.

NFT Marketplace

Fullstack NFT Marketplace where users can list and sell NFTs from their wallets as well as browse and purchase NFTs listed by other users. Application features full CRUD functionality as well as the ability for users to withdraw funds from NFT sales to their connected Web3 wallet. Smart contracts deployed to the Ethereum Rinkeby Testnet and database hosted on Moralis. Wrote passing unit tests to ensure all Smart Contract code works correctly.

Gytshop

Fullstack e-commerce store built with Javascript, React, CSS, and MongoDB. Hosted on GitHub and deployed using Heroku. Application features user authentication and full CRUD functionality. Built a proprietary API to seed data and utilized the Stripe API for payment processing. Developed in a team of four in a three business day turnaround using Agile development frameworks.

WORK EXPERIENCE

Buenro, Remote

March 2023 – Present

Backend Software Engineer

- Building backend APIs (Nest), AWS infrastructure, and CI / CD pipelines to power a real estate booking and social platform
- Converted endpoints to custom cloud functions, utilized step functions for complex workflows, built custom RBAC and ABAC

ThriveIN, Remote

November 2022 – May 2023

Fullstack Software Engineer

- Building software infrastructure to power a web3 social and freelance application designed for the creator community
- Backend built using Nest, Prisma (ORM), and Typescript (MongoDB database), frontend built with Next, React, and TailwindCSS

CinderBlox, Los Altos, CA | Remote

May 2022 – February 2023

Fullstack Blockchain Engineer

- Built out a platform to tokenize commercial real estate assets utilizing security tokens on the Algorand blockchain
- Security tokens built with Javascript AlgoSDK, MongoDB backend database, frontend built with React, Next.js, and styling libraries

BNY Mellon Wealth Management, New York, NY

June 2020 – February 2022

Portfolio Analyst

- Conducted due diligence on a variety of asset and sub-asset classes for inclusion in client investment portfolios
- Met with clients regarding financial planning, estate planning, trust and tax planning, cash flow analysis, and fiduciary risks

EDUCATION

General Assembly

February 2022 – May 2022

Software Engineering Immersive Program

- 500+ Hour Full-Stack Development Bootcamp

University of Massachusetts Amherst, Amherst, MA

September 2016 – May 2020

Isenberg School of Management and Commonwealth Honors College

Bachelor of Business Administration in Finance; Bachelor of Arts in Economics

Cumulative GPA: 3.81/4.00

- Cum Laude; Commonwealth Honors College Scholar with Greatest Distinction

Major GPA: 3.93/4.00