

Dev Patel

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<https://github.com/pateldd1>

[DP]

SKILLS

AWS: Fargate-EKS Kubernetes-S3-Elasticsearch--CircleCI--VPC--EC2--Diagrams--Textract--Lambda

JavaScript

Node.js

(Dynamo/Mongo)DB

CI/CD

React/Redux

(No)SQL

Okta and Auth0

PostgreSQL

EMPLOYMENT

Founder and CEO of CryptoMe, Inc. [Demo Link](#) [Github Link](#) [LinkedIn Link](#) **09/2022 - present**

- Creating a Node.js, React Native, and EKS Fargate app to allow fast, low fee, cryptocurrency payments between users where crypto price does not change in transit
- Implemented idea of higher fees on withdrawal to another address and lower fees when sending user-to-user. This idea will increase the user-base and retention because people want to pay less fees, and becoming a user allows that
- Aspires to create a decentralized credit score system without collateral, replacing FICO
- Making cryptocurrency swapping between 200+ cryptos as easy as a button click with
 - NO metamask/walletconnect requirement, slippage, or impermanent loss.
 - NO need to be on the right blockchain network either. It's blockchain agnostic.
- Implemented kubernetes setup with EKS Fargate, which will save us a lot of money because here you're only paying by the usage of your infrastructure, not the infrastructure itself like ECS

Associate Director DevOps Architect - at Moody's Analytics

06/2022 – 09/2022

- Deleting and downsizing AWS resources to reduce AWS bills by \$40K
- Moving resources from one AWS account to another using IAM roles and policies



Assistant Director Senior Software Engineer at Moody's Analytics

06/2018 – 06/2022

- Saved the company \$200K on having to use Enterprise Google Maps by building a search and autocomplete API on only commercial real estate properties (no residential properties) by hosting free Pelias Elasticsearch and by pre-indexing a list of commercial real estate properties in America given to me by Moody's Analytics. Multiple teams/projects in Moody's use this API to search commercial real estate properties
- Performed the difficult task of breaking down a monolithic app into microservices. Changed our team's focus to first think with a microservice mindset when starting new projects
- Set up all our AWS environments for our development, staging, and production websites (4 each using AWS Fargate) with auto scaling and minimal issues.
- Communicated with multiple departments at Moody's to get production websites up and running.

Backend Software Engineer at Clouddade, Inc.

11/2017 – 06/2018

- Lead customer service tools project and built from scratch with AWS Fargate, Nodejs, React. Implemented my own system architecture and design for this project and lead team of 3
- Implemented an AI player (no one could beat it), daily player quests and rewards, player leveling, and challenge gameplay in a game similar to Hearthstone with Node.js and MongoDB on the gaming platform Gamesparks

EDUCATION

Vanderbilt University - Attended with Mathematics Major - 3.332 GPA (2009 – 2011)

Smt. N.H.L. Municipal Medical College – Anatomy, Physiology, and Biochemistry - 4.0 GPA (2012-2014)

East Tennessee State University – B.S. Degree with Biology major/Chemistry minor - 3.48 GPA (2015 – 2016)



STANDARDIZED TESTS

GRE Math: 166 / 170

SAT Math: 760 / 800