DEVANSH PATEL

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TOP-PERFORMING SOFTWARE ENGINEER

Software Engineer • Devops Architect • Devops Engineer • Senior Software Engineer
Cloud Orchestration • Data Extraction • Api Development • System Architecture Design
Devops Expert • Aws Architect • Skilled Software Engineer • Containerization Specialist

WORK EXPERIENCE

CryptoMe   **Sep 2022 - present**
Cofounder and Software Engineer

- Simplified 200+ cryptocurrency swap process to a single button click.
- Streamlined user input by eliminating complex crypto address entry, reducing risk of 100% monetary loss.
- Innovated a near 0-fee, swift cryptocurrency transaction app using Node.js and ECS Fargate, eliminating price fluctuation during transit.
- Collaborated with Changelly for faster currency conversion and shared fee profits, allowing 80% retention of all currency conversion fees.
- Eliminated the requirement to be on a specific blockchain network for swapping.
- Eradicated the need for metamask, 5-10% slippage on exchanges, and any impermanent loss.

Moody's Analytics   **June 2022 - Sep 2022**
Devops Architect

- Slashed AWS expenses by $40,000 through strategic downsizing of resources.
- Deployed AWS Cloudwatch Alarms for Elasticsearch and Fargate Cluster health, resolving red cluster issues bi-monthly.
- Boosted readability of ECS logs by streamlining them to Datadog, which massively reduced Developer code error recognition time in 4 production and staging environments.
- Migrated 2/3 resources between AWS accounts using Terraform and IAM successfully.
- Spearheaded and became the primary liaison for the AWS Well-Architected Review, collaborating directly with Amazon's AWS Solutions Architects to reduce security issues by 90%.

Moody's Analytics   **June 2018 - June 2022**
Senior Software Engineer

- Engineered a search and autocomplete API for commercial real estate properties, saving the company $200,000 on Google Maps expenses.
- Unified communication across three Moody's departments for website ops. Partnered with Inforisk for resource creation and connectivity.
- Implemented Amazon Textract and Elasticsearch to extract and index tenant and property data from PDFs. This enabled property searches, tenant identification, and display of metrics like average and total rent, getting rid of manual calculation completely.
- Structured AWS environments for the team, establishing development, staging, and production sites (four each via ECS and AWS Fargate) with auto-scaling features.
- Innovated team's approach by breaking down a monolithic app into microservices, instilling a microservice mindset for all new projects and reducing commercial property search time to 500 ms or less.

Cloudcade, Inc.   **Nov 2017 - June 2018**
Backend Software Engineer
- Guided two engineers in developing customer service tools using AWS Fargate, Node.js, React, and DynamoDB from original design.
- Collaborated with QA team to develop an AI player using decision tree strategies for game moves, leading to three difficulty levels, including an unbeatable hard level AI player.
- Designed and implemented daily quests and rewards in a Hearthstone-like game (Activision Blizzard), using Node.js and MongoDB for event-driven programming and player leveling.

EDUCATION

East Tennessee State University, Johnson City, Tennessee   **Jan 2014 - Dec 2016**
Bsc, Biology/Chemistry

TECHNOLOGIES

AWS ECS, AWS EKS, GitHub, Node.js, React.js, Javascript, SQL, NoSQL, Okta, React Native, Python, Flask, Django, Kubernetes, CI/CD, CircleCI, AWS Diagrams, AWS Lambda, AWS RDS, Git, Opensearch, Docker, Ruby, Ruby on Rails