

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

Founder

- Simplified 200+ cryptocurrency swap process to a single button click.
- Removed the necessity for user input of complex crypto addresses, which improves UX, minimizes risks like total monetary loss from incorrect crypto address entry.
- Innovated a low-cost, 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.
- Removed the requirement to be on a specific blockchain network for swapping.
- Removed the need for metamask/walletconnect, slippage, or impermanent loss.

Moodys Analytics

June 2022 - Sep 2022

Devops Architect

- Slashed AWS expenses by \$40,000 through strategic downsizing of resources.
- Utilized AWS Cloudwatch Alarms to monitor health of AWS Elasticsearch clusters and CPU/Memory usage of ECS Fargate Clusters with email mechanism for reporting.
- Improved readability of ECS logs by streamlining them to Datadog, which massively improved Developer code error recognition in all 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.

Moodys 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. The API is now used across various teams/projects at Moody's.
- Facilitated inter-departmental communication at Moody's for seamless website operation. Worked with Inforisk on resource creation in public subnets, connecting private resources via network load balancers and VPC endpoints.
- Leveraged 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.
- 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 new projects.

Cloudcade

Nov 2017 - June 2018

Backend Software Engineer

- Led a duo of junior engineers in creating customer service tools from scratch using AWS Fargate, Node.js, React, and DynamoDB, based on my original system architecture and 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.
- Executed 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
Bsc, Biology/Chemistry

2016

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