Dhruv Patel

Software Engineer

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Experience

Transport4
Atlanta, GA
Sr. Software Engineer
Apr. 2020 - PRESENT

- Construct serverless APIs on AWS using Node & Typescript
- Mentor and train new team members
- Design DynamoDB (NoSQL) data model
- Create deployment pipeline via GitHub Actions
- Elasticsearch modeling and schema design optimization

Delta Airlines
Atlanta, GA
Software Engineer
Nov. 2019 - Aug. 2020

- Design & implement a serverless data pipeline migrating exisiting on-prem processes to AWS
- Convert existing code base from Spark/Scala to Python
- Mentor peers on AWS Best Practices & Python development
- Develop CI/CD Pipelines on AWS converting on-prem pipelines completely serverless

Cox Automotive
Atlanta, GA
Software Engineer II
Jan. 2019 - Nov. 2019

- Create an event-driven serverless service-oriented architecture (SOA) entirely on AWS
- Design & maintain RESTful API endpoints using API Gateway, AWS Lambda & AWS Elasticsearch Service
- Stream data from auctions across the country using AWS Kinesis
- Mentor & train junior developers on AWS & Python
- Reduce Lambda execution time by 70% by implementing best practices leading to a latency reduction by 10%
- Convert existing Angular code base to React implementing a component-based architecture

Cox Automotive
Atlanta, GA
Software Engineer I
Jan. 2018 - Dec. 2018

- Black box testing for our React front-end.
- Build & maintain RESTful API endpoints using the Java Spring Framework
- Transition legacy FTP processes using S3 and AWS Lambda

Cox Automotive
Atlanta, GA
Software Engineer in Test
May. 2016 - Dec. 2017

- Translate business requirements into automatable scenarios (Gherkin)
- Data validation of critical production reports using PostgreSQL and PL/pgSQL
- API test automation using Ruby and the Cucumber framework

Education

Georgia Institute of Technology
Atlanta, GA
Master of Science in Computer Science
Jan. 2020 - Jan. 2022

- Specialization: Machine Learning
- Completed: AI for Robotics
- Taking: Reinforcement Learning, Computational Photography

University of West Georgia
Carrollton, GA
Bachelor of Science in Computer Science
Aug. 2011 - Dec. 2015

- Association for Computing Machinery
- Dean's List

Skills

Frameworks/Tools AWS, Chalice/Flask, Docker, Jenkins, CodePipeline, Ansible, Git, Linux, React, Microservices, Node, Typescript

Languages Python (Proficient), JavaScript (Proficient), Ruby (Prior Experience), Java (Prior Experience)