

# MIHIR PATEL

SOFTWARE ENGINEER

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## Skills

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**Technical:** Java, NodeJS, Python, Bash, ReactJs, AWS, Postman, Git, GCP

**Business:** Agile Scrum, Project Management, Business Analyst, Product Specialist

## Employment

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**Capgemini**, *Software Developer*, Nashville, TN

2021 - Current

- Developed various scripts to scan, modify, and transfer data in DynamoDB tables
- Researched and implemented failover techniques with different Amazon cloud services
- Created and updated API's using NodeJS
- Testing and analyzing the efficiency of an API through postman and AWS CloudWatch Logs
- Utilized Serverless Framework to create and modify launch templates for hosting serverless architecture
- Curated AWS training guide and hosted training sessions for new hires
- Coached hackathon participants in creating a demo for client case study
- Assisted in campus recruiting by attending career fairs and interviewed RISE candidates for internships

## Projects

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### Resource Data Management and visualization

- Led a team of 10 individuals to develop a data visualization application
- Developed visual graphs to showcase resource/employee status and differences between "practice" categories
- Analyzed application requirements and created appropriate backlog items using Agile Scrum framework
- Acted as Business Analyst, creating project proposal and guidelines, as well as determining end goal
- Served as Scrum Master, leading meetings to track developer progress and maintain sprint goals
- Reviewed code changes and git merge requests as Team Lead

### Expression Classifier

- Created a Convolutional Neural network and sequential model using TensorFlow library
- Cleaning and parsing the data using Python
- Successfully trained the model to predict facial expressions with more than 80% accuracy

### Image Segmentation

- Created an U-NET model using TensorFlow
- Cleaned up the test data to create a hair segmentation
- Trained the model to detect human hair with more than 80% accuracy

## Certifications

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AWS Solutions Architect

## Education

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**California State Polytechnic University, Pomona**

Bachelors of Science Computer Science & Psychology