

EDIL CHRISTIAN

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EDUCATION

Rutgers University <i>Master of Science in Computer Science</i>	New Brunswick, NJ 2021 – Present
Gujarat Technological University <i>Bachelor of Engineering in Computer Engineering; GPA: 3.6 (8.8/10)</i>	Ahmedabad, India 2016 - 2020

TECHNICAL SKILLS

Languages and Databases: Java, Python, JavaScript, C, C++, MySQL, MongoDB

Tools and Technologies: React, Spring Boot, Hibernate, Docker, Kubernetes, EC2, RDS, S3, Lambda, Flask, API Gateway

EXPERIENCE

Simulmedia Software Engineering Intern (DevOps team) link to project presentation video	New York City, USA 2022
<ul style="list-style-type: none">Provided functionality for accessing and querying AWS CloudWatch Logs from 4 different clusters for Ad ServerIntegrated Python scripts for accessing more than 50 real-time logs per minute inside the ECS Manager using JenkinsAdhered to 5+ coding principles of Object Oriented Programming and Domain Driven Design	
Accenture Software Development Associate	Mumbai, India 2020-2021
<ul style="list-style-type: none">Carried out application development in Java by coordinating in a team of 7 peopleRepresented the client resources by implementing REST API and testing API performance metrics every 3 hoursIntegrated the 3 MVC components with business services by using Spring frameworkConfigured dependencies in Spring Boot and performed data manipulation on 2 repositories using MySQL	
SoftVan Research Intern	Ahmedabad, India 2019
<ul style="list-style-type: none">Performed analysis using 3 Machine Learning algorithms: Linear Regression, Naïve Bayes, SVMExecuted 2 Computer Vision tasks: Facial Recognition and ObjectDetection using OpenCV	

PROJECTS

[Wildfire Tracker Map](#) | *React, JavaScript, NASA EONET API, Google Maps API, HTML, CSS, Vercel*

- Fetches wildfire data of all **50 states** from NASA EONET API and used Iconify library to visualize the fires
- Tracked **100+ locations** on a webapp using the maps library in React and the Google Maps API

[BTS on Gaon Music Chart](#) | *Python, Plotly, Streamlit, Kaggle*

- Collected weekly data of 'Map of The Soul:7' album for **52 weeks** and converted it into a Kaggle dataset.
- Analyzed the trends of **top 200 songs** in South Korean music market by performing data visualization in Plotly, Python
- Created a web app using Streamlit and received more than **2500 views** on the post.

[Person Re-Identification for Video Surveillance](#) | *OpenCV, Python, TensorFlow, Faster R-CNN, Java, Spring Boot*

- Generated **128-dimensional vector** of the image using Person Detection and passed it to **Resnet**
- Checked the performance of the network on the state-of-the-art datasets Market-1501 and CUHK03
- Designed a web application using Spring Boot for day-to-day real-time video **analysis every 1 hour**

Image Compression and Thumbnail Generation using AWS services | *Java, Spring Boot, AWS, Microservices, Lambda*

- Implemented AWS EC2 instance for hosting a SAAS application to run on remote server
- Managed access of S3 bucket
- Compressed images and **generated 200 thumbnails** using Lambda functions
- Deployed RDS to store image database of more than **15 users**

CERTIFICATION

Microsoft Technology Associate (MTA): Software Development Fundamentals