

# DIPEN CHOVIATIYA

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## Summary

A soaring software developer, who thrives to solve complex business challenges through innovative and cutting-edge technologies using cloud computing. A personable and communicative agile developer with ample of coding experience in Spring boot, Django and AWS. Excited to use technology to automate and optimize daily tasks to improve accuracy and speed.

## Work Experience

### Software Engineer, JPMorgan & Chase

September 2021 – Present

- Successfully drove a prove of concept to design reusable components leveraging Adobe Experience Manager and React to allow embedding of components in client platforms such as webapp, mobile applications or IOT devices.
- Developed a mock website showcasing how client can leverage reusable components for rapid integration of banking into any website.
- Designed and developed Salesforce CRM app and designed two-way data loading ETL pipeline for Salesforce.
- Successfully delivered microservice for allowing customer support cases to created to through API integration in Salesforce.
- **Technology Stack:** Java, Springboot, Adobe Experience Manager, React, Nodejs, Salesforce, Kubernetes, Kafka

### Java Developer, The Vanguard Group

October 2019 – September 2021

- Developed and supported Rest APIs deployed on AWS ECS Fargate and monitored the accuracy and performance of APIs through externally deployed synthetic traffic sent from AWS Lambda.
- Collaborated in an agile team of Scrum Master, BA, and PO to deliver Most Valuable Product (MVP) with stringent deadline by actively participated in the inter-team collaborations to successfully deliver the product to end-users.
- Created a proof of concept by decreasing the number of logs generated by 50% through optimizing the Springboot logging framework. Projected to save over \$1.4 million annually for storing and retrieving the redundant logs.
- Successfully led migration of web services from Pivotal Cloud Foundry (PCF) to AWS ECS Fargate to enable CI/CD.
- Multiple times received Start of the Sprint awards for helping teammates push extra mile and hosting technical forums.
- **Technology Stack:** Java, Springboot, Mockito, Maven, AWS, Python, Behave, Git, Swagger, Splunk

### Software Engineer Intern, Velocity Capital Group

August 2019 – September 2019

- Developed a Python application to generate consolidated offer-letter for customers using several internal documents.
- Integrated the external APIs with existing CRM website to automate the task of fetching background check, credit score and criminal history of customers, decreasing data processing time taken by underwriters by 50%.
- Processed financial documents using machine learning and designed a ETL system to store the processed information in internal databases. Ran data analysis to auto filter out the unwanted applications from further internal processing.
- **Technology Stack:** Python, Django, AWS Textract, Machine Learning, NLP

## Education

State University of New York, Buffalo, NY

August 2016 – May 2019

Bachelor of Arts, Computational Mathematics

## Software Development Projects

### Track the Shuttle

November 2018 - December 2018

- Designed an Android application to track university shuttle routes in real time and provide notifications for students.
- Application uses robust Firebase fallback if university API is offline, and displays the route using Google Maps.
- Gained widespread adoption among my social circle, saving ample of time for 80 users.
- **Technology Stack:** Java, Android, Firebase, Google maps API, MySQL

### Gooseberry Leaves Image Classification

October 2018 – November 2018

- Designed a Convolutional Neural Network machine learning model which uses Rectified Linear Unit and Max-pooling to determine the true classification of the image.
- Classified leaves based on 5000 images provided through an online form with a, achieving accuracy of 96%.
- Attained the accuracy of 98% in MNIST handwriting database.
- **Technology Stack:** Python, SciPy, NumPy, Pandas, Machine Learning, Tensorflow

## Technical Skills

**Programming Languages and Frameworks:** Python, Java, C++, MySQL, HTML, CSS, Spring Boot, Django, Bootstrap, Tensorflow, Pandas, Mockito, Behave, Flask, Git, Swift, React, Nodejs, Adobe Experience Manager, Kafka, Jenkins, Kubernetes

**Other Tools:** Jmeter, JProfiler, Splunk, AppDynamics, BitBucket, Confluence, Jira, Postman, Android Studio, Anaconda Navigator, Swagger, Bamboo, Xcode, HoneyComb, Opentelemetry, Salesforce