Adi Budithi

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Experience

Capital One
New York, New York

Software Engineer   August 2021 – November 2022
- Developed Payfile 2.0 service that allows clients to pay their vendors with ease by uploading customizable batch payment files
- Improved upon Payfile 1.0 by allowing single payment failures without affecting the rest of the batch
- Helped build payment file parser and email notification service for various stages in the payment processing pipeline
- Configured Spring Boot to quickly run Java microservices both locally for developers and on QA/Prod environments on EC2
- Created payment invoice visualizer in Angular for merchants to view their completed/pending payments
- Utilized Hibernate to map important merchant, client, and payment data into both SQL and NoSQL databases including Oracle Database and Amazon DynamoDB

Software Engineer Intern   September 2020 – February 2021
- Detected barcode corner points to transform off-axis images into usable barcodes to more easily access customer information using Python computer vision library OpenCV
- Trained PyTorch model from manually annotated barcode dataset to find optimal parameters for the Harris corner detector algorithm

Software Engineer Intern   June 2020 – August 2020
- Modernized Capital One's Customer One Legal Entity Relationships Service to reduce latency of finding relationships between people, businesses, and other legal entities
- Created a data migration program in Go to create a pipeline to concurrently extract, transform, and load data from endpoint to endpoint
- Deployed program on AWS Lambda to automatically migrate Legal Entity Relationships Service from relational database Oracle Siebel to graph database AWS Neptune

AbbVie
Champaign, Illinois

Associate Software Engineer   May 2019 – December 2019
- Implemented continuous delivery/integration services such as one-click build-and-test using Jenkins to accelerate AbbVie's developer workflow
- Integrated JFrog Xray into AbbVie's infrastructure to enhance product and service security across the data pipeline

Education

University of Illinois at Urbana-Champaign
Urbana/Champaign, Illinois

B.S. in Mathematics and Computer Science   August 2017 – May 2021

Tools & Technologies

Java, Python, Go, JavaScript, Node, React, Angular, MongoDB, SQL, AWS Cloud Practitioner