

PRITI JAGTAP

☎ 407-639-6994 ✉ preeti.jagtap2595@gmail.com [in linkedin.com/in/priti-jagtap](https://www.linkedin.com/in/priti-jagtap) github.com/pritijagtap25

Education

University of Central Florida

Master of Science in Computer Science (GPA 3.5/4)

Aug 2019 – May 2021

Orlando, FL

Jawaharlal Nehru Engineering College

Bachelor of Engineering in Information Technology

Aug 2012 – Jul 2016

India

Relevant Coursework

- Data Structures
- Algorithms Analysis
- Artificial Intelligence
- Text mining
- Machine Learning
- Database Management
- Computer vision
- Computer Architecture

Technical Skills

Languages: Python, Javascript, PL-SQL, C, HTML/CSS, Shell script

Technologies/Frameworks: Amazon DynamoDB, Lambda, AWS S3, AWS API Gateway, Selenium Webdrivers, Linux, ERP, Oracle EBS, Oracle application R-12

Developer Tools: Anaconda, VS Code, Eclipse, Jupyter Notebook, ITSM, SVN, WinSCP, GitHub

Experience

Pyramid Consulting

Contract: Sept 2021

Associate Developer: Delta Airlines

Atlanta, GA

- Working as a backend developer to design lambda-based microservices that receive data from several corporate applications and store it in DynamoDB utilizing API Gateway and S3.
- Worked on proof of concepts and identified the most effective technical methods for migrating on-prem applications to AWS.
- Creating and utilizing tools to help our application and services in the cloud including AWS CloudWatch, AWS CloudTrail and IAM.

Capgemini India Pvt. Limited

Apr 2017 – Jul 2019

Senior Software Developer (PL-SQL, Oracle apps, EBS)

Mumbai, India

- Developed a service to automatically perform a set of unit tests daily on a product in development in order to decrease time needed for team members to identify and fix bugs/issues.
- Customized the code for removing the duplicate records from the database which improved the system efficiency by 30%
- Prepared the MD70 for customizations corresponding to removal of duplicates as well as re-designing of Item and Customer Interfaces. Worked in UAT/Post Go Live Support for the business to tackle issues.

Afour Technologies Pvt. Limited

Jul 2016 – Apr 2017

Associate Software Engineer (Python, Selenium webdrivers)

Pune, India

- Assisted in development of solid automation framework by using Selenium webdrivers to test web applications, Android and IOS applications.
- Designed and developed test data and test cases to improve user experience. Performed black box and regression testing.

Projects

Satellite Imagery feature detection and classification | *Artificial Intelligence, Python, TensorFlow, Keras, Google colab*

- Implemented semantic segmentation on DSTL dataset using Jaccard Index, Convolution Neural Network (CNN).
- Designed U-Net architecture to solve the image segmentation problem which improved the individual class accuracy by 20%.

Topic modelling techniques in Text Mining | *Natural language processing (NLP), Python, spaCy*

- Trained Latent Dirichlet allocation (LDA) model by providing the the tokenized words and building bigram model.
- Prepared stop word, removed emails and newlines characters and calculated F1 scores, TF-IDF for data which generates insights to choose optimal model by achieving 94% accuracy.

Street-view house number recognition (SVHN) | *Artificial Intelligence, Python, Keras, Pandas*

- Created Probabilistic model by creating Pandas dataframe to create binding boxes on original, variable-resolution dataset images.
- Trained two Convolution Neural Networks to recognize the digits and achieved 70% accuracy over 600,000 digit images.

In-Browser Cryptojacking | *Python*

- Designed a Python script which inspect the computer resources to compare the patterns that usually appears when being attacked by cybercriminals.
- Used system parameters like CPU, RAM, Bandwidth of internet, Increase clocked speed, GPU and IP traffic usage.