VINAY AMBRE

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EDUCATION

University of Central Florida, Orlando *August 2019 - Present*
Master's in Computer Science. GPA: 3.7/4

SIES Graduate School of Techology, Mumbai *July 2015 - June 2019*
Bachelor's in Computer Engineering. Cumulative GPA: 7.4/10

EXPERIENCE

Fedex Services, Orlando *August 2020 - Present*
Information Technology Intern

· Working on a project for providing an application to business users to make tax rate changes to the tax database using a GUI which will reduce the time taken for approving tax rate changes from about a month to a few hours.
· Building the application using Springboot as backend technology and Oracle MySQL along with providing a GUI using Angular for the users to access the application.

University of Central Florida, Orlando *August 2019 - July 2020*
Teaching Assistant

· Teaching Assistant for COP 3223C (Introduction to Programming with C) and COP 3330 (Object Oriented Programming)

SIES Graduate School of Technology, Mumbai *August 2018 - June 2019*
Technical Head Volunteer

· Developed and Maintained Website modules, REST API services and System Architecture for college functionalities.
· Lead Developer for creating Portal(website to access college updates, railway concession, halltickets, results and other features) used by around 1000 college students.

TECHNICAL STRENGTHS

Programming Languages	Python, Java, C
Database	MongoDB, SQL, Oracle SQL Dev
Website Dev	NodeJS, Javascript, ExpressJS, Laravel, Angular, SpringBoot
Cloud Platforms	Amazon Web Services(AWS Solutions Architect)
Mobile Development	Android Studio, Progressive Web Applications(PWA)

PROJECTS

SIESGST Portal
A portal website made in ExpressJS backend framework and MongoDB for NoSQl database to perform CRUD operations like retreiving college updates, applying for railway concession, halltickets, results and other features for students and faculties. The same features were made available on an Android Application with the REST API service.(Link)

Rhythm - A smart music streaming service
A Smart Music Streaming service made using scikit's surpriselib and REST API's which uses Collaborative filtering to recommend songs to users and also suggest similar songs to users based on song attributes using an Android Application.(Link)

Matrix - Quiz Portal
A quiz portal website made in php Laravel framework using mySQL Database for Matrix - A national level quiz competition held at SIESGST, Nerul.(Link)

Transfer Learning on Chest X-Ray Images
Applied Transfer Learning on Chest X-Ray Images for diagnosing pneumonia using Keras Tensorflow in python.(Link)