Nihir Praful Shah

✉ nihir10dec@gmail.com 🖥 nihirshah.com 📞 +91 9619131441 🎧 nihir10dec 💼 /in/nihir-shah

EDUCATION

Vidyanidhi Infotech, Mumbai, India

Post Graduate Diploma in Advanced Computing (PG-DAC)

Feb 2020 (Pursuing)

University of Mumbai

B.E in Computer Science | May 2018
CGPA: 7.92/10.00

SKILLS

Programming

• Python • Java • C++
• C# • C • PL/SQL

Web Development
• React JS • Vue JS • Angular
• NodeJS • Express
• JavaScript •TypeScript • Django
•HTML • CSS • Bootstrap • PHP
• REST API • GraphQL •JSON
• Spring MVC • Hibernate • XML

Database Technologies
•MySQL •PostgreSQL •MongoDB

Technologies /Tools
• GitHub • Azure • AWS • Sikuli
• NumPy • Pandas
• MatPlotLib • SeaBorn
• Oracle EBS • Oracle SQL Developer • Oracle Forms
• Oracle Reports Builder

CERTIFICATIONS

• Microsoft Azure Fundamentals AZ-900 certified from Microsoft
• Google Analytics for Beginners
• Data Analysis with Python: Zero to Pandas from Jovian.Ml
• Python, ReactJS, SQL, Problem Solving, Rest API certified from HackerRank.com

EXTRA CURRICULAR

• Completed 240 hours of social service in National Service Scheme (NSS) (2015-2017)
• Event Head for In-House Technical Paper Presentation in college workshop (Multicon) (2017)

WORK EXPERIENCE

Infosys Ltd. (20 Months) Infosys   Pune, India
Systems Engineer   Oct 2018 – Feb 2020
• Developed and architected an automation script using Python on an automation tool developed by Infosys for internal use, with Sikuli to perform front end automation of the daily DBA activities related to user management.
• Attained team's target to reduce manual work of ticket solving by 120-man hours per month by automating the process of solving certain set of tickets and following agile methodology.
• Enhanced team's resolution SLA from 98.25% to 98.85% by solving the tickets through the automated scripts over a period of 8 months.

System Engineer Trainee   Mysore, India
                                                                       June 2018 - Oct 2018
• Received industry training on Python, SQL, Oracle EBS, Oracle SQL Developer, Oracle Reports Builder, Oracle Forms and Oracle Workflow Administrator.
• Developed a project to perform Procurement to Pay (P2P) Automation (Requisition, Invoice, Purchase Order, Supply) using Oracle E-Business Suite. It included migrating the data from external files to Oracle EBS using SQL Loader, creating Reports on them using Oracle Reports Builder, creating workflow (using Oracle Workflow Administrator) for the whole process, converting data from XML to PDF (using Oracle Template Builder) and preparing well formatted documentation for the entire process according to client standards.

PROJECTS

Lok Sabha 2019 Candidate Analysis   Spet 2020
• Performed analysis on candidates who stood in Lok Sabha 2019 elections on their personal information like Age, Gender, Education, Criminal Cases, Category, Assets and Liabilities, Party, State, Votes received in their constituency.
• The analysis was performed using Pandas & Numpy and plotting graphs using Matplotlib & Seaborn.

Managing Azure VM Instance with Telegram Bot using Python   August 2020
• Created REST APIs to turn On/Off Azure VM Instance using Azure Logic Apps and System managed Identities.
• Then built a Telegram Bot and configured its commands on Python using external library (pytTelegramBotApi) to call those API according to the command given by the user.
• If the user is authorized to perform the action, then make a request to the API and Bot will reply to the user according to the reply response received from the API and hosted it on Heroku by configuring it with flask to make bot available 24*7.

Time For Quiz   July 2020
• Designed a Quiz website using Vue JS where the questions and its answers are fetched from Open Trivia DB API.
• The user can choose how many questions he wants, a category from 24 options and the difficulty level for the quiz. Also provided a side navigation bar where use can jump to any question which also shows which questions are attempted and which are not.
• On submitting it shows the score, accuracy, the correct answers, and option for a new Quiz.

Twitter Bot using Python   July 2020
• Developed a bot which when provided with any twitter username or hashtag, it finds all the posts of it and like and/or retweet them.
• Used twitter developer account and Python along with an external library (Tweepy) for it.

QR Code based Authentication System for Banking   Aug 2017- March 2018
• Developed an entire banking site(PHP, MySQL, BootStrap) with an additional security feature which is logging in by scanning QR code via registered mobile phone (authentication via IMEI number) which works as a 2 step authentication process of manual password followed by generated QR code as add-on step.
• Product included successful deployment of new security layer for online banking where the customer after logging in can do all bank related activities & an Android app via which they have to scan the QR Code generated while logging in.
• It also had an admin interface which allowed to add new users, manage existing user and edit their details and post any circular which all users can see.