

Nischay Poshia

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Software Engineer with over 5 years of experience in software development, specializing in Python, Django, and MySQL. Skilled in API development, Machine Learning, and database management, with hands-on experience in networking projects such as SDN, Wi-Fi, and AgTech. A collaborative team player, dedicated to problem-solving and continuous learning.

EXPERIENCE

Jeavio India Pvt. Ltd.

Software Engineer - II

Oct 2021 – Present, Vadodara (Remote).

- **SDN and Wi-Fi Project:**
Spearheaded network data management for Software-Defined Networking (SDN) and Wi-Fi systems using Python and MySQL. Delivered seamless integration of 6E support for Wi-Fi collectors, improving device compatibility.
- **System Optimization:**
Resolved high-priority support cases and implemented hotfixes to resolve system performance issues.
- **Ever.ag Field Analytics:**
Developed API services using Django and Vue.js for field analytics applications, leading to improved data flow and frontend functionality. Migrated codebase from Python 2.7 to 3.6, boosting processing efficiency. Refactored deprecated makeRequest calls, reducing API response times.

Infosys Limited

Senior Systems Engineer

Aug 2019 – Oct 2021, Pune.

- **Data Visualization Migration:**
Led a team of 3 engineers to transition reports from SAP BO to Qlik Sense, improving client reporting and enabling faster decision-making.
- **Automation:**
Developed a C# automation tool to streamline data collection, reducing manual data processing time. Integrated multiple Excel files into unified reports, cutting down reporting errors.

Systems Engineer Trainee

Dec 2018 – May 2019, Mysore.

- Successfully completed rigorous training in Python, DBMS, and .Net technologies.
- Contributed to live project development and testing using AngularJS.

SKILLS

- Version Control System: Git, Bitbucket
- Programming languages: Python, C, C#, GNU Octave
- Database: MySQL, Oracle, MongoDB, AWS DynamoDB
- Machine Learning: Scikit-Learn, Data Analytics, Predictive Analysis
- Web Development: Django, Vue.js, HTML, CSS, JavaScript, Flask, AWS Chalice
- Tools: Google Colab, Jupyter Notebook, Qlik Sense, MATLAB

EDUCATION

B.Tech - Computer Engineering

Dharmsinh Desai University, Nadiad.

Aug 2015 – May 2019

CERTIFICATIONS

Machine Learning Certification

Coursera

Sept 2020

Infosys Certified Python Programmer

Infosys

Jan 2021

PROJECTS

Attribute-Based Access Control Model Using ML Classifiers

Technology: Python, Scikit-Learn

- Designed a Machine Learning-based model to improve access control using a custom ABAC dataset. Enhanced model accuracy by 15% through optimized data preprocessing and classifier tuning.

Loan Product Credit Line Eligibility

Technology: Python, Logistic Regression

- Developed an ML model to assess credit line eligibility using logistic regression. Achieved a model accuracy of 92%, with optimized recall and precision using ROC AUC analysis.

Graduate Admission Prediction

Technology: Python, Linear Regression

- Built a predictive model using linear regression to estimate graduate admission probabilities. Delivered an R-squared value of 0.85, providing actionable insights for improving admission decisions.