Poorani D
Senior Software Engineer

To obtain a challenging position in a high-quality engineering environment where my resourceful experience and my technical skills will add value to organizational operations.

CONTACT

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EXPERIENCE (4 YEARS 6 MONTHS)

Senior Software Engineer

ADF Data Science Pvt. Ltd. · Oct 2021 - Present

- Lead and develop 3 successful projects, meeting all requirements and deadlines.
- Mentored and trained 4 interns and 3 junior developers, fostering a high-performing team.
- Automated critical manual processes with a focus on optimization, resulting in significant time savings and elevated levels of customer support.

Software Engineer

ADF Data Science Pvt. Ltd. · Mar 2020 - Sep 2021

- Introduced Django Content Management System, enhancing the company's blog.
- Upgraded Python2.x to 3.x and collaborated with UX designers for better UI/UX.
- Resolved production issues and managed project requirements effectively.

Analytics Solutions Engineer

JMAN Group - Digital Services Pvt. Ltd. · Mar 2019 - Feb 2020

- Utilized Selenium to scrape 500+ sites for 5+ clients, ensuring accuracy and scalability.
- Developed 3 Django web applications, achieving client satisfaction.
- Collaborated with clients to identify project needs and requirements.

Software Engineer Trainee

JMAN Group - Digital Services Pvt. Ltd. · Aug 2018 - Feb 2019

- Created ETL scripts in Python Pandas and NumPy for efficient data handling.
- Implemented JavaScript logic in Vue.js projects, enhancing user interactivity.

PROJECT DETAILS

Customer Support ChatBot

ADF Data Science Pvt. Ltd. · Mar 2023 - Present

ChatBot that seamlessly interacts with customers, efficiently retrieving their information and leveraging historical intelligence to deliver accurate and insightful answers to inquiries.

Technology: Django, Langchain, pinecone, Embeddings model, MySQL, OpenAI

Team Size: 21   Project Status: On going   Client: ADF

AREAS OF EXPERTISE

Programing Langauge - Python, Perl

Framework - Django, Flask, RestAPI, DjangoCMS, FastAPI

LLM: LangChain

Stack - Pandas, Celery, Selenium, Requests, Supervisor, Redis

JS - JavaScript, Jquery

DB - MySQL, PostgreSQL

SCM - GitHub, GitLab, Bitbucket

Automation Tools: Docker

Monitoring Tool: Datadog

Web Server: Nginx

Application Server: Gunicorn

EDUCATION

Bachelor of Computer Science and Engineering | 2014-2018 | CGPA - 8.88

Mahendra Matric. HR. SEC. School
 HSC | 2013 - 2014 | 94.3 %
SSLC | 2011 - 2012 | 89.4%

SHORT COURSES

LangChain - Complete Course - Udemy

Containerization Using Docker - ADF Offered Trainings.

Consumer Communication Classifier

ADF Data Science Pvt. Ltd. · Mar 2023 - Present

AI-powered application utilizing OpenAI models to automatically classify consumer communications as compliant or non-compliant. Integrated seamlessly with Salesforce to create cases and automate task assignments, significantly enhancing efficiency and customer support.

Technology: Django, Langchain, pinecone, Embeddings model, MySQL, OpenAI

Team Size: 21   Project Status: On going   Client: ADF

Online Loan Application Platform

ADF Data Science Pvt. Ltd. · Mar 2020 - Mar2023

ADF Product that enables US citizens to conveniently access loans online. Skillfully managed and designed over 50 finance-related requirements, integrating various 3rd-party services for enhanced functionality.

Technology: Django, DjangoCMS, MySQL, JavaScript, JQuery, Gulp, Docker, Nginx, Gunicorn, npm, nodejs

Team Size: 18   Project Status: On going

Online Loan Application Customer Care Portal

ADF Data Science Pvt. Ltd. · Jan 2021 - Nov 2022

Played a key role in designing and developing the ADF Customer Care Portal, facilitating easy access to customer details and integrated services. Successfully delivered 25+ requirements to improve customer support and satisfaction.

Technology: Django, MySQL, AngularJs, Docker, Nginx, Gunicorn, celery

Team Size: 5   Project Status: On going

Management Information Data Analysis tool

JMAN Group - Digital Services Mar 2019 - Feb 2020

Led an 8-member team to develop a data analysis tool for a Fortune 500 client (Experian). The tool empowered regional directors to track financial growth, productivity, and people's skills across different global regions using OLAP Cubes. The platform provided timely insights and the ability to measure impact effectively.

Technology: Django, PostgreSQL, JavaScript, Pandas, Numpy, jinja2

Team Size: 8   Project Status: Completed   Client: Experian

Data Lake Framework for Expanding Organization's Technical Capability:

JMAN Group - Digital Services Dec 2019 - Feb 2020

Collaborated on developing a Data Lake Framework with Selenium, accelerating business outcomes, enabling insights generation, and solving data challenges like Wrangling, Versioning, Exploration, Reporting, and Migration.

Technology: Django Rest Framework, Selenium, bs4, PostgreSQL, ReactJs

Team Size: 3   Project Status: On Going   Client: Jman

Restaurant Ranking Tool

JMAN Group - Digital Services Aug 2018 - Feb 2019

Platform to rank UK restaurants for a client (TRG), enabling them to identify fast-moving restaurants during peak hours from top restaurant groups. Utilized web scraping techniques to collect and analyze data from different locations.

Technology: Django, Selenium, bs4, PostgreSQL, Celery

Team Size: 3   Project Status: On Going   Client: Jman