NISHITA AMOLI

Software Engineer

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SUMMARY

Software Engineer with over 1.5 years of experience as a Java developer, specializing in software development, deployment, testing, and monitoring. Completed a Master's in Computer Applications (MCA) and eager to leverage technical expertise and academic knowledge in a dynamic development environment.

TECHNICAL SKILLS

- **Programming Languages:** Java, C, Python
- **Object-Oriented Programming (OOP)**
- **Web Development and DBMS:** HTML, CSS, SQL
- **Libraries:** Java Standard Library, **Python-** Pandas, NumPy, Matplotlib
- **Frameworks and Tools:** Git, GitHub, Spring Tool Suite, Apache Maven, Jupyter Notebook, Visual Studio
- **Software Development Methodologies:** Agile (Scrum), Software Development Lifecycle (SDLC)

WORK EXPERIENCE

Software Engineer December 2020 – June 2022

Capgemini Technology Services India Limited, Chennai - 600001

Roles and Responsibilities

- Developed Java APIs adhering to project requirements using Spring MVC Framework, Spring Boot, Core Java, Git, Postman, Splunk, Jenkins, Confluence, and Jira.
- Ensured flawless software delivery by troubleshooting testing anomalies across various environments.
- Monitored application performance in real-time, optimizing efficiency and reliability.
- Coordinated smooth code deployment across development and QA/UAT environments.
- Maintained comprehensive release documentation to track code changes and versions.
- Facilitated seamless on-boarding of new members through knowledge transfer sessions.

ACADEMIC PROJECTS

Project: Automatic Recognition of Medicinal Plants using ML May - August 2023

- Performed ETL process on a plant image dataset and built a machine learning model using CNN to predict whether plants are medicinal. Developed a user interface using Gradle for the model to predict based on user input and the accuracy obtained was more than 90 percent.
- Technology Stack: Python 3, Numpy, Keras API, Tensorflow, Gradle

Project: Sentiment Analysis and Visual Analytics on Twitter data to determine the polarity of tweets towards various sectors of Uttarakhand May - August 2020

- Fetched tweets from Twitter and performed sentiment analysis to determine the polarity of tweets using the naïve Bayes approach and visualized tweets using IBM Cognos Analytics
- Technology Stack: Python 3, Pandas, NLTK, Numpy, Tweepy, JSON, IBM Cognos

ACADEMIC DETAILS

2022-2024 **Master of Computer Application (MCA)**, Graphic Era University, Dehradun, India
8.84/10 CGPA

2017-2020 **Bachelor of Computer Application (BCA)**, Graphic Era Hill University, Dehradun, India
8.84/10 CGPA

2016-2017 **Higher Secondary Certificate (12th)**, DAV Public School, Dehradun, India
65%

2014-2015 **Secondary School Certificate (10th)**, DAV Public School, Dehradun, India
8.6/10 CGPA