NISHITA AMOLI

Software Engineer

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GitHub: https://github.com/NishitaAmoli **| Portfolio:** https://nishitaamoli.github.io/Portfolio/

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

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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	