

NISHITA AMOLI

Software Engineer

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

SUMMARY

Software Engineer (Java developer) with 1.5+ years of experience in **software development, deployment, and maintenance** using **Java, Spring Boot, and RESTful APIs**. Adept at troubleshooting, optimizing performance, and collaborating in **Agile teams**. Currently engaged as an **Apprentice at Indian Overseas Bank**, gaining exposure to **enterprise systems and process automation**. Passionate about **backend development** and building scalable solutions.

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

Apprentice (Back Office Support)

October 2025- Present

Indian Overseas Bank, Dehradun - 248001

Roles and Responsibilities

- Supporting digital and back-office operations by managing data entry, documentation, and process tracking.
- Assisting in internal reporting and workflow optimization using Excel and in-house systems.
- Collaborating with IT and administrative teams to ensure daily operational efficiency.

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

- Fetches 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