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: Core Banking System – Backend Application   Dec 2025 - Ongoing
- Developed a **Core Banking System backend** using **Java and Spring Boot**
- Built REST APIs for **account management, deposits, and withdrawals**
- Integrated **MySQL** using **JPA/Hibernate** with business validations
- Tested APIs using **Postman** and managed code with **Git/GitHub**
- Technology Stack: Java, Spring Boot, REST APIs, MySQL, JPA/Hibernate, Postman, Git

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

Year	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