**SANJAY KUMAR**

Ooty, The Nilgiris, TN 643 001

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**PROFILE**

MSc Mathematics graduate with a strong foundation in software development and software testing. Proficient in designing, executing, and documenting both manual and automated test cases. Experienced with automation tools like Selenium and skilled in programming languages such as Java and Python. Eager to leverage analytical abilities and technical expertise to contribute effectively as an software Developer

**EDUCATION**

Government Arts College, Ooty September 2022 – May 2024

Masters in Science, 8.2

• Major in Mathematics

Government Arts College, Ooty August 2019 - July 2022

Bachelor's in Science, 7.6

• Major in Mathematics, Minor in Statistics & Computer Application

**PROJECTS**

**Automated Financial Report Generator**

* Created an automated financial report generation tool using Python and Pandas.
* Designed the tool to extract, process, and analyze financial data from multiple sources, generating comprehensive reports in various formats (PDF, Excel).

**Web-Based Inventory Management System**

* Developed a web-based inventory management system using Python, Django, and PostgreSQL.
* Implemented features such as real-time inventory tracking, automated stock level alerts, and detailed reporting dashboards

**Web Page Using HTML and CSS**

* Designed and developed a web page for my MSc thesis, showcasing research findings and interactive content.
* Utilized HTML, CSS, and JavaScript for front-end development, ensuring a responsive and visually appealing design.
* Link- <https://nightmare11.netlify.app>

**SKILLS**

* **Programming Languages and Tools:** Proficient in Python, C, C++, Java, and SQL
* **Web Development:** Skilled in HTML, CSS, Flask for building responsive and dynamic web applications.
* **Software Development:** Strong background in software engineering principles, including object-oriented programming, version control (Git), Data Structures & Algorithms.
* **Problem Solving:** Adept at analyzing complex problems and developing efficient solutions, with a focus on performance optimization.

**CERTIFICATIONS**

* Certificate in Core Java
* Training on Python Programming
* Demonstrated commitment to social responsibility and teamwork through active participation in community service. Delivered educational talks on the importance of education to tribal communities during NSS activities.