Kary Sutariya

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Professional Summary

- *Current graduate student in Master of Applied Computer Science*
- *Strong programming skills gained through a year of experience as a Pythonista.*
- *Working as a Part-time freelancer on Upwork*
- *Exploring areas of ML By taking courses like AI, and ML at school.*

Education

Master of Applied Computer Science - MACS
Sept 2021 - May 2023 (Expected)

Concordia University, Montreal, QC, CA
GPA: 3.4 / 4.3 (Till Now)
Relevant coursework: Advanced Programming Practices, ML, 'Programming and problem solving, Distributed System Designing, Algorithms.

Computer Engineering - B.E.
June 2016 - August 2020

Gujarat Technological University, Surat, India
CGPA: 8.7 / 10
Relevant coursework: Data Structure, Database Management Systems, Compiler Design.

Skills

Programming Languages:	Python (Proficient), Java, C, C++	
Software and Tools:	**Backend:**	Django, Django-rest, Flask
	Frontend:	HTML, CSS, JavaScript, React.js
	Database:	MySQL, Postgres
	Libraries:	Pytorch, Panda, NumPy
	Build and Deployment:	AWS, GCP, Heroku, Digital Ocean
	IDE:	Collab, Jupyter notebook, Spyder, VS Code, IntelliJ
	Collaborative tools:	Slack, Jira
	Versioning tools:	GitHub
	Operating systems:	Windows, Linux

Work Experience

Python developer
August 2020 - August 2021

Benzatine Infotech, Surat, India
- *Led a team of 3 developers to work on internal company projects*
- *Collaborated and communicated with clients for a better understanding of projects' requirements and solved issues accordingly*
- *Designed and tested applications, programs, server maintenance/deployment, and software on the daily basis*
- *Mentored intern with Front technologies namely React.js, HTML, CSS, etc.*

Projects

Academic Projects

Distributed System - HBase   September 2021 - December 2021
- *Made an HBASE system on HADOOP by employing Zookeeper*
- *Created 4 nodes to make the database robust, fault-tolerance, reliable, and available all the time.*
- *Technologies & Server: HBase, Hadoop, and GCP.*

Machine Learning - Musical Instruments Classification   March 2021 - April 2021
- *Developed 4 models (Attention, Bi-direction, RNN, MLP, and ConvNext) using PyTorch, Pandas, and NumPy.*
- *Drafted technical report using LaTeX*
- *Technologies & IDEs: Pytorch, Pandas, NumPy, Collab, Jupyter notebook, VS code*

Professional Projects

Full Measure   March 2021 - April 2021
- *FFmpeg, and Pandas were utilized in the Linux base environment.*
- *Setup Data pipeline to fetch audio and video from AWS.*
- *Constructed PowerPoint slides by intertwining LibreOffice, Python code, and data from the AWS server.*

Dentist On Demand   January 2021 - February 2021
- *Python and iOS-based project*
- *Django and Django-rest frameworks were the backbone technologies for the project.*
- *Implemented functionalities of the projects were Payment gateway, video conferencing, and appointment booking.*
- *Opted 'Digital Ocean' Server for the project*