

GAYATRI BAIS

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OBJECTIVE :

A graduate with a Master's in Data Science and Bachelor's in Computer Science. I worked as a Frontend Developer for a software development firm. A team player with exceptional writing skills and expertise in Python, SQL, HTML, CSS, and JavaScript. I wish to pursue a challenging career in a competitive environment that yields the benefits of job satisfaction and a steady paced professional growth. Possessing competent technical skills while being resourceful, innovative, and flexible.

EDUCATION :

Masters in Data Science, University of Alabama at Birmingham, USA.	2019-2021
Bachelor of Engineering in Computer Science, Sipna COET, India.	2009-2013

TECHNICAL SKILLS AND TOOLS :

Methodologies : SDLC, Agile

Databases : SQL Server, MySQL **NoSQL :** MongoDB, DynamoDB

Programming Language: Python, Java, SQL, HTML, CSS, JavaScript

Cloud Technologies : AWS redshift, AWS RDS, S3, EC2, IAM, Lamda, SQS, SSM, Cognito

Python Libraries : TensorFlow, NumPy, Keras, Scikit-learn, Pandas, Matplotlib

IDEs : Jupyter Notebook, PyCharm, Visual Studio

Visualization Tools : Tableau, Power BI

Version control Tools : Git, MS Office

WORK EXPERIENCE :

Laksh IT Solution, India

Frontend Developer Intern | Jan 2014 - June 2014

- Developed using HTML, CSS, JQuery and JavaScript to enhance user experience on web pages.
- Assisted in deployment and development of the websites
- Participated in testing of developed code before deployment to production environments and provided feedback on any bugs found during testing.
- Analyzed client needs.
- Documented all processes used within the development environment including coding standards, version control procedures, etc.

PROJECTS :

- **Cloud Storage System :** Designed an application that is used to store data over the cloud which can be accessed by anywhere and anytime with the help of web interface. The website is developed using Flask and python and hosted on EC2 of Amazon web services and then uses multiple other services.
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- **Car Model Detection :** Implemented, trained, and tested several classifiers trained on domain-general datasets using Jupyter Notebook and python for the task of predicting the make, model, and year of cars with the intent of using this information to make inferences about the car owners demographics.
- **IPSC Image Segmentation :** Used CNN, and Cell Detection with Star-convex Polygon model for comparing the performance of various combinations of U-Net and other convolutional architectures in order to check the accuracy in bacterial colonies segmentation tasks from a microscopic petri dish image. The trained model is further used to attain image prediction.