



ANIKA MURARKA

ACADEMIC DETAILS

Year	Degree / Board	Institute	GPA / Marks(%)
---	MSR in Information Technology	Indian Institute of Technology Delhi	8.2
2019	B.E. in Instrumentation and Control	Netaji Subhas Institute of Technology, Delhi	8.2
2015	CBSE XII	Bharti Public School	93.8
2013	CBSE X	Presentation Convent Sr. Sec School	10

PROJECTS

- Predicting Hospitalization costs for patients in the US using Linear Regression. [Github](#)
- Binary and Multiclass classification of images of test written in different languages using ResNet. [Github](#)
- Classifying text on various levels of fakeness using Bernoulli and multinomial Naive Bayes. [Github](#)
- Decision trees implementation from scratch. [Github](#)
- Probabilistic misspelling error correction system using various smoothing techniques.
- Transformer-based Grammatical Error Correction System - **Kaggle Rank 1 in class**

TECHNICAL SKILLS

- **Programming Languages** : C/C++ || Python || SQL || HTML || CSS || Javascript
- **Packages and Libraries**: Numpy, Pandas, Matplotlib, Seaborn, Scikit-learn, TensorFlow, YOLOv8, OpenCV
- **Software & Tools**: Jupyter Notebook, VS code, Google colab, MySQL, MS Office
- **Programming Skills**: Data Structure & Algorithms, EDA, Machine learning, Deep Learning, DBMS
- **Cloud Infrastructure**: Google Cloud, AWS

SCHOLASTIC ACHIEVEMENTS

- [Machine Learning Specialisation](#) - Certification | 2023 | DeepLearning.AI, Stanford University- 99.6%
- Sociolla - Best New Comer 2021
- Google Udacity India Scholarship - Frontend Developer -2018
- JEE Mains Rank: 99 percentile
- Maths Mind (Inter School) : Maths Competition - 2nd 2014
- National Science Olympiad(NSO) : School Position - 1st 2008, School Position - 3rd 2009
- International Informatics Olympiad (IIO): School Position - 2nd 2007, School Position - 1st 2008

WORK EXPERIENCE

WADHWANI AI, Senior Software Product Engineer |July 2022

- Worked in the Agricultural and Health domains to deliver high-impact ML-based applications.
- Currently working to create a RAG solution for AWW and ASHA workers.
- Worked on a pipeline to scrape data from news resources and feed it to the TB-related governments' system to validate and take appropriate action.
- Leading a team of 6 people and end-to-end development of 7 projects, resulting in an 80% increase in operational efficiency.
- Designed the database and architecture of multiple projects.
- Worked with the Product Team to create proposals for funding and government integration
- Worked with the Machine Learning Team for model integration and deployment.
- End-to-end planning and implementation of the model training pipeline, including data collection and data annotation.
- End-to-end implementation of the CD pipeline.
- Represented the organization at multiple events like G20 (India), FAO (Thailand), GBC (Lucknow), etc.

SOCIOLLA, Software Development Engineer-2 |April 2021-June 2022

- Worked on MEVN stack to create new features and fix bugs on a huge range of microservice architectures.
- Worked on chatbot integration with various 3rd party services like Wavecell and Bahasa.ai, and sockets for frontend communications.
- Been a part of a mentorship program and multiple recruitment drives.
- Regularly monitors the various health checks through Grafana and Kibana and optimizes/fixes the code accordingly.

OYO ROOMS TECH, Software Development Engineer-1 |June 2019-June 2020

(Platform Team - Consumer Experience) | Dec 2019-June 2020

- Integrated SDKs like Firebase, Lighthouse, and services to improve and monitor the performance affecting metrics for the web.
- (Web Frontend Development Team) | June 2019-Dec 2019
- Increased the number of users and the customer acquisition rate at a global level - USA, Japan, UK, India, and Brazil.

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COURSES DONE

- Engineering Mathematics 1, Engineering Mathematics-2, Engineering Mathematics-3, Introduction to Programming, Introduction to Data Structures, Machine Learning, Digital Image Processing, Natural Language Processing, Special Topics in ML (Recommender System