

# SAMIKSHA BARASKAR

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## EDUCATION

### Master of Science in Data Analytics Engineering, NORTHEASTERN UNIVERSITY

Jan 2023 - Present

Relevant Coursework: Data Management for Analytics , Foundation of Data Analytics

### DR VISHWANATH KARAD'S MIT WORLD PEACE UNIVERSITY, PUNE, INDIA

Jul 2017 - Jul 2021

Bachelor of Technology, Computer Science and Engineering.

CGPA: 9.24/10 | GPA: 10/10

## WORK EXPERIENCE

### TIETOEVRY INDIA PRIVATE LTD. | JUNIOR SOFTWARE ENGINEER

Aug 2021 – Dec 2022

- Key expertise: Python, DBMS, Data Analysis, MySQL.
- Working in Application Delivery Management Team which supports Engineering applications deployment and responsible for the implementation of application automation and customer delivery.
- Non-technical skills include customer interaction and collaboration, effective communication, and teamwork.

## PATENTS

### INNOVATION PATENT | VIRTUAL VISION

IP Australian Innovation patent “Virtual Vision”, Patent no. 2021106259, Granted on 17 November 2021 by the Commissioner of Patents.

## INTERNSHIP

### ERIA TECHNOLOGIES PRIVATE LTD. | ML-AI INTERN

May 2020 - July 2020

- Key Skills: Machine Learning, Artificial Intelligence, Python, TensorFlow, NLP, Deep Learning.
- Worked on the Company's project named **Smart Care AI** in the domain of Machine Learning and Deep Learning.

## PROJECTS

### SMART CARE AI

- Key Skills: Apache Kafka, Elasticsearch, Machine Learning, Python, TensorFlow, Deep Learning, NLP, Text Classification.
- Worked on an application which performed real-time extraction of the skill set of the candidates from their resumes and matched the skills-set with the existing employees of the company.

### VIRTUAL VISION

- Key Skills: Natural language processing, Convolutional Neural Networks, ResNet model, Attention Mechanism, parallel co-attention, Speech-to-text, Text-to-speech.
- Developed an application which is a method for providing information associated with proximal surroundings to a visually impaired individual. With this innovation, the visually impaired were assisted with an audio voiceover about the surroundings. The application came with additional feature of question answers, which resulted in solving the queries of the individual.

## SKILLS

**Programming Languages** – C, C++, Python, JavaScript, HTML, CSS, Java, MYSQL.

**Specializations:** Machine Learning, Artificial Intelligence, ARVR, NLP, Data Analysis and Visualization, Data Structures and Algorithms, Computer Vision, Object Oriented Programming, Data Mining Techniques, Big Data Systems, and Data Science.

**Platforms:** Tableau, Microsoft Power BI, D3.js, Qlik Sense, Blender, MongoDB.

## CERTIFICATIONS

Python For Data Science | NPTEL

Introduction to Machine Learning | NPTEL

Python for Everybody Specialization | Coursera

Machine Learning and Deep Learning in Python & R | Udemy

## EXTRA CURRICULAR ACTIVITIES

- MIT WPU Entrepreneurship Cell | Core Member