

JYOTISH SAIKIA

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Dhing Ratnanagar, Nagaon, Assam- 782123

Work Experience

Management trainee (technical) at Steel Authority of India. Ltd

Nov 2021-Present

Working in the projects related to Industry 4.0. My role also includes maintaining smooth flow of the continuously generated data to end users in various units of the plant.

Education

Degree/Certificate	Institute/Board	Percentage /CGPA	Year of Passing
M.Tech (Data Science)	Indian Institute of Technology, Guwahati	8.71	2021
B.Tech (Electronics and Instrumentation)	National Institute of Technology, Silchar	8.7	2016
Senior Secondary	Ramanujan jr. College (AHSEC)	80.2	2011
Secondary	Dhing KBHS School (SEBA)	82.5	2009

Internship

Data science intern at Obaforta Pvt.Ltd.

May 2020 -Aug 2020

- Lumbar vertebrae segmentation and Spinal stenosis grading using Deep Learning models
- **Tools used:** Labelbox, Tensorflow, Opencv

Technical Skills

- **Programming languages:** C, Python
- **Other skills:** Machine Learning, Deep Learning, Internet of Things, Speech Processing
- **Operating Systems:** LINUX, Windows

Projects

- **Audio-Visual Speech Separation using Deep Learning Models** - Separate a single voice from a mixture of voices using both audio and visual information. (July 2020 - may 2021)
- **Hindi text recognition in Signboard and Transliteration to English.** - Text detection,image to text conversion and transliteration to English using Faster RCNN, LSTM, CNN etc. (July 2020)
- **Non invasive glocometer and food recommendation** - Image of the fingertip was captured using low powered LASER and camera. Blood sugar level was predicted from that image. Food items were recommended according to the blood sugar level. (Nov 2019)
- **Handling Data Streams and processing data in real time** - Simultaneous generation of Score Card from the commentary available in ESPN website. Apache Kafka server is used to simulate the real time process. (Oct 2019)

Courses taken

- Machine learning, Database Management system, Internet of Things, Optimization methods, Data visualization, Generalized Linear Models

Achievements

- **Flipkart Grid 2.0 Challenge 2020** : Qualified round 1 (All India Machine Learning based Contest)
- **GATE-19** : Secured AIR 27 in Instrumentation Engineering.
- **State Level Chemistry Olympiad 2010** : Scored 62%.

Other Interests

- Playing Badminton, painting, cycling