**KEDAR BADRINATH PATHADE**

Indian Institute of Technology Bhubaneswar

[LinkedIn](https://www.linkedin.com/in/kedar-pathade-26387b1b6%20) | [GitHub](https://github.com/kbp12) | [Codechef](https://www.codechef.com/users/kbp12)

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| **EDUCATION** | | | | | | | | | | | |
| **Program** | | **Institution** | | | | | | **%/CGPA** | | **Year of completion** | |
| B Tech in ME | | Indian Institute of Technology Bhubaneswar | | | | | | 8.85/10 | | 2023 | |
| XII (HSC) | | Yashwant College, Nanded | | | | | | 80.00% | | 2019 | |
| X (SSC) | | Manik Memorial Aryan School, Hingoli | | | | | | 96.40% | | 2017 | |
| **EXPERIENCE** | | | | | | | | | | | |
| **Business Analyst Intern | Henry Harvin Education *(May’21 –July’21)***   * Created a machine learning model using logistic regression to predict whether HR will leave or not. ([code](https://github.com/kbp12/Machine_Learning_Projects/blob/main/Employment%20retention.ipynb)) * Worked on K-Fold Cross Validation technique on Hand Written Digits dataset to know which model best fits and fine tune the parameter K to have more accuracy. ([code](https://github.com/kbp12/Machine_Learning_Projects/blob/main/KFold_cross_validation_of_hand_written_digits.ipynb)) * Made machine learning model using K means clustering algorithm to identify segments of customers for targeted marketing. ([code](https://github.com/kbp12/Analytics_and_ML_models/blob/main/116_K-Means_Clustering)) | | | | | | | | | | | |
| **Google Cloud Platform | Google *(Sept’20 –Nov’20)***   * Have hands on experience with Google Cloud Platform. I performed various labs on Google Cloud Platform related to Cloud Architecture, Data Engineering, Smart Analytics, Machine Learning and AI. ([link](https://www.qwiklabs.com/public_profiles/32cfbdc7-ee5e-4c19-b346-b9f95f6b76ff)) | | | | | | | | | | | |
| **PROJECTS** | | | | | | | | | | | |
| **Deep Learning Fundamentals | NVIDIA |** ([Certificate](https://courses.nvidia.com/certificates/e7e96d9c40674c81898ac163abaf148f)) | ([Code](https://github.com/kbp12/Deep_Learning_Fundamentals_projects-NVIDIA_workshop)) ***(July’21 –July’21)***   * Integrated a pre-trained image classification model to create an automatic doggy door. Leveraged transfer learning to create a personalized doggy door. * Trained a model to autocomplete text based on New York Times headlines. * Applied computer vision to create a model that distinguishes between fresh and rotten fruit. | | | | | | | | | | | |
| **Transformer-Based Natural Language Processing Applications | NVIDIA** | ([Certificate](https://courses.nvidia.com/certificates/2c6011e462764c5b9e4b70161adb807c)) | ([Code](https://github.com/kbp12/Transformer-Based_NLP_Applications_NVIDIA_Workshop)) ***(Aug’21 –Aug’21)***  Applied self-supervised Transformer -based models to concrete NLP tasks using NVIDIA NeMo:   * Built a text classification project to classify abstracts. * Built a name-entity recognition (NER) project to identify disease names in text. * Improved project accuracy with domain-specific models. | | | | | | | | | | | |
| **Deep Learning Work | Self Projects | (**[link](https://github.com/kbp12/Deep_Learning_Projects)**)  *(July’21 –Present)***   * Used different deep learning techniques to work on image classification, object detection and natural language processing. | | | | | | | | | | | |
| **Transfer Learning for NLP with TensorFlow Hub | (**[link](https://coursera.org/share/39d4450563e21fcbf8c45ac308067392)) ***(Dec’20 –Dec’20)***   * In this online Cloud based project, I used pre-trained NLP text embedding models from TensorFlow Hub. * Performed transfer learning to fine-tune models on real-world text data. * Visualized model performance metrics with TensorBoard. | | | | | | | | | | | |
| **COURSE WORK** | | | | | | | | | | | |
| **Programming and Data Structures** | | | | | | **Certified Python Business Analyst** | [Certificate](https://drive.google.com/file/d/1IRIG_jnNsqmMfzfeudebGqxf-Otx9fnj/view?usp=sharing) | | | | | |
| Deep Learning | [Certificate](https://courses.cognitiveclass.ai/certificates/f5474ea4343845c48488aae862103c84) | | | | | | **30 Days of Google Cloud |** [Certificate](https://drive.google.com/file/d/1YvOffEsG80sbOcgTczT6OFkMyHR0m9li/view?usp=sharing) | | | | | |
| Machine Learning with TensorFlow on GCP | [Certificate](https://coursera.org/share/64dc1be24b8e8e3ed061db8964aac6bf) | | | | | | Cloud Architecture with Google Cloud | [Certificate](https://coursera.org/share/129b8347065798d7b6d06a9db48cfae1) | | | | | |
| **SKILLS** | | | | | | | | | | | |
| **C** | **C++** | | | **Python** | **Machine Learning** | | **Deep Learning** | | **Pandas** | | **TensorFlow** |
| Computer Vision | Cloud Computing | | | GCP | HTML5 | | CSS3 | | Git | | SQL |
| **SCHOLASTIC ACHIEVEMENTS** | | | | | | | | | | | |
| * Secured **All India Rank 5420** (General Rank) in **Joint Entrance Examination (JEE) Advanced 2019**. * Secured **All India Rank 6789** (General Rank) and **99.25 percentile** in **Joint Entrance Examination Mains 2019**. | | | | | | | | | | | |
| **EXTRA-CURRICULAR ACTIVITIES** | | | | | | | | | | | |
| **Student Guide**  **Counselling Service Team**  **IIT Bhubaneswar**  *(Nov’20 – Present)* | | | * Solved doubts of my juniors and helped them to gain their pathway. * It improved my communication skills. | | | | | | | | |