



# Nikhil Baghel

Bachelor of Technology  
DSAI  
Indian Institute Of Information  
Technology (IIIT), Dharwad

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## EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech, DSAI	Indian Institute Of Information Technology (IIIT), Dharwad	8.96	2021-Present
Senior Secondary	City Composite PU College	89.8%	March 2020
High School	Sacred Heart Convent School	92.5%	May 2018

## EXPERIENCE

- Tata Motors Limited,Dharwad** *June 2024-July-2024 - Remote*  
*AI/ML intern* [Certificate](#)
- Developed dashboard using PowerBI desktop to track and trace the data generated by chasis during its processing stage
- Used Mysql server to fetch latest records by querying into the database to check for data availability and simultaneously updating the dashboard based on latest records fetched.
- Suvidha Foundation** *March 2024 - 1 month-Online*  
*ML intern* [Certificate](#)
- involved in data collection from different news websites.
- Custom trained the google pegasus model for abstractive summarization of these news article

## PROJECTS

- MLProject 1:Weather Image Prediction** *August 2023-Dec 2023*  
*Tech Used:Python,CNN,Keras,Vision Transformer* [\[G\]](#)
  - Classified 11 types of Weather images using CNN architecture
  - Used Keras framework to define CNN layers
  - Comparison of CNN trained with with Vision Transformer Model
- ML Project 2:Sentiment classification** *August 2023-Dec 2023*  
*Tech Used:Python,LSTM,Keras,WordCloud* [\[G\]](#)
  - Created embeddings of tweets and generated word cloud based on similarity of words
  - classified Tweets as positive negative and neutral using LSTM model
- ML Project 3:Virtual Assistance** *Jan 2024*  
*Tech Used:Python,Flask,Distillbert tokenizer* [\[G\]](#)
  - A chat model where user can chat with the model.
  - If the user text is found to be depressive then the model recommends user to play some mind games by redirecting to the public games url.
  - This model is an initiative to highlight the mental health and promote well being of the people.
- Web Dev 1:Office Employee Management** *Jan 2024*  
*Tech Used:Python,django,MysqlLite database* [\[G\]](#)
  - An Office employee management to manage employee data.
  - Used django framework to build backend services and api's like delete ,add,view the employees .
  - Used MysqlLite database to fetch the request and display the result on frontend.
- Web Dev 2:Dashboard** *Jan 2024*  
*Tech Used:Node,Express,Mongodb,React* [\[G\]](#)
  - A dashboard to display products information.
  - The UI is built using react and the user can edit,search,delete,view the product.
  - The backend services include api's like get,post,delete .

## SKILLS

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- **Programming Languages**: C++, Java (basic), Python(basic), Javascript
- **Framework,tools**: React JS, Power BI, Tableau, VS Code, Kaggle, Google Colab, Git, Git Hub)
- **Web development**: HTML, CSS, JavaScript, Express, Node
- **Database**: Mysql, MongoDB
- **OS**: Windows, Linux(Ubuntu)

## KEY COURSES TAKEN

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Introduction to C/C++, Object Oriented Programming in C++, Data Structures and Algorithms, Design and Analysis of Algorithms, Operating System, Database Management System, Computer Networks, Machine Learning Algorithms including supervised, unsupervised learning, Probability and Statistics, Linear Algebra, Discrete Mathematics

## CERTIFICATIONS

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- **Machine Learning Specialization** [Coursera](#) *2023*
- **AI and its impact** [Coursera](#) *2023*

## ACHIEVEMENTS

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- [Leetcode Profile](#) *Solved 700+ DSA questions on leetcode*