

LAVISH

Email : lavishg@iitbhilai.ac.in | +91-9511441193 | [GitHub](#) | [LinkedIn](#)

Education

Indian Institute of Technology, Bhilai, India

2019 - 2023

- Bachelor of Technology in Computer Science and Engineering | CGPA: **8.25**

Lucknow Public School, Lucknow, India

2019

- ISC (Class XII), Aggregate: 94.8

Lucknow Public School, Lucknow, India

2017

- ICSE (Class X), Aggregate: 93.4

Skills

C++ | C | Java | Python | HTML | CSS | JavaScript | PHP | React | Git | SQL Server | Tensorflow | Pytorch | Numpy | Pandas |
Transformers | Deep Learning | Docker | Flutter

Work Experience

UIDAI | Technical Executive

Jul'23

- Working on the frontend development of a cross platform application using technologies like **Flutter**, **Fastlane** and **Jenkins**.
- It would replace numerous existing applications on Desktop, Android and iOS combined into one, reducing the load by about **60%** to maintain the codebase.

MAQ Software | Summer Intern

May'22 - Jul'22

- Worked on the internal tools of the organization with technologies like **React**, **SQL Server**, and **C-sharp**.
- Designed new features, which reduced the workload of managers by **40%** and resulted in a more robust attendance system.

Projects

Next Word Prediction

Nov'21

A [Next word prediction model](#) with transformers architecture which can predict the next word based on the given sequence of words.

- Used **SimpleTransformers** library (based on Hugging Face's **Transformers**) and fine-tuned a GPT-2 model using project **Gutenberg** data.
- Achieved an **evaluation loss of 3.68** and a **perplexity of 39.58**, indicating the model's ability to predict the next sentence.

Grammar Corrector

Nov'22

A [Grammar corrector model](#) made using the method of transfer learning.

- Employed the **T5 model** from Google to train on the **C4_200m dataset** from kaggle, which contains **185 million sentence pairs** for grammar correction.
- Achieved a **training loss of 0.773** and an **evaluation loss of 0.625**, indicating effective learning and performance of the model in correcting grammar errors.

Positions of Responsibility

Epsilon / Robotics Club | Core Member

May'20 - Apr'21

- Contributed to various online events conducted across the year

National Service Scheme | Executive

Jun'21 - May'22

- Management of Paper Bag activity, in which approximately **50 students** made **150 bags**.
- Conducted an activity to teach workers how to make paper bags for their supplementary income.

National Service Scheme | Web Developer

May'22 - May'23

- Management of the website of NSS IIT Bhilai, used by approximately **300+ students** to view their hours.
- Worked on technologies like **PHP**, **HTML**, **CSS**, **javascript**, and **Docker**.

How to use this?

Make a copy of the template and then make changes

Lavish is currently in his pre-final year pursuing Bachelor of Technology with the specialization in Computer Science and Engineering from the Indian Institute of Technology, Bhilai. He is well versed in a wide range of computer languages like **C, C++, Java, Python, Javascript**, etc. He has sound knowledge of **Data Structures, Algorithms**, and the basic concepts of Computer Science fundamentals. He was the core member of the Robotics club in his college which shows his interest in electronics and programming. He has enhanced his management skills by becoming the Executive in the National Service Scheme community of IIT Bhilai, who is responsible for conducting various activities across the semester so that students can indulge in nation-building activities and complete their registered credits. His prime interest lies in **Full-Stack web development, Android development**, and Machine Learning. He has done various projects on web development by himself to enhance and work on his skills because of which he has knowledge of multiple frameworks like **React, Node, SQL Server, and MongoDB**. Also, he mostly has worked on the technologies related to Google like **FireBase, and Android**. He is currently working as a summer intern at MAQ software in Hyderabad in which he is working on the internal tools of the company which is used by the Employees across the company and is also the Web Developer in the Management team of NSS IIT Bhilai in which he is in charge of the college website for NSS which is daily visited by many students. I think he would be a nice addition to the community of Google.