

# Prasad Ashok Chavan

Jalgaon,  
MH India

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Portfolio: [Click Here](#)

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## Profile Summary

Passionate 8th-semester CSE student with hands-on experience in Python, C, C++, JavaScript, and frameworks like TensorFlow, Django, and React. Skilled in machine learning, NLP, and deep learning, with a strong focus on generative AI and language modeling. Eager about exploring emerging AI fields and bringing innovative solutions to life. Strong communicator with research and presentation skills.

## Summary of Qualifications

- **Python, Statistical Analysis using R.** Data maintenance and managing.
- **5 months of** experience in field of data analytics and applying machine learning models to solve data related problems.
- Strong skills on Python, NumPy, Data Visualization Tools, Arrays, Objects, Data Structures and Algorithms, Data Science.
- Done **Qualitative & Quantitative** researches.
- Conducting research on theme LLM vs Human for native support.

## Technical Skills:

Languages	<b>C, C++, Python, R, JavaScript,</b> HTML, CSS, JSON
Databases	MySQL, Firebase
Frameworks	<b>Pandas,</b> Django, Flask, React JS
Libraries	<b>TensorFlow,</b> NumPy, Seaborn, Others
DBMS	Update databases, Migrate and manage databases

## Work Experience

**5 months** of handhold experience Data analyst & Machine learning in SaaS based enterprise solutions.

## Project Experience

### 1. Hacking Lux (Aug 2023 – Oct 2023)

Project Name	<b>Dashboard for visualizing and analyzing students feedbacks.</b>
Technologies:	<b>Django, HTML, CSS, JS, Python, Firebase</b> and Platform: <b>Windows.</b> Team
Role	member in Extracting data from Firebase, data cleaning, building dashboard and providing insights with plotted data.
Description:	R&D. Developed a dynamic dashboard for visualizing and analyzing student feedback using Django and Firebase, data extraction, cleaning, and visualizations.
Key Result	<ul style="list-style-type: none"><li>• Defined research problems &amp; Extracted data.</li></ul>
Area:	<ul style="list-style-type: none"><li>• Achieved 98% clean data through effective cleaning.</li><li>• Created interactive visualizations with Seaborn.</li><li>• Delivered actionable insights from feedback data.</li></ul>
Link:	Intellectual Property ()
Achievements:	<ul style="list-style-type: none"><li>• Data manipulation and visualization. Provided important insights.</li></ul>

## 2. Algo Brain AI (Ongoing) (Oct 2024 – Nov 2024)

Project Name      **Worked with AI team to complete Dippy AI's SN11 roleplay project.**

Technologies:      **Python, LLM finetuning,** Lora/Q Lora techniques, Mixture of experts.

Role:                Build complete data from scratch using GPT and then finetuned different LLM and measured metrics to get desired scores.

## 3. GPT from scratch

Project Name      GPT architecture from scratch.

Technologies:      **Tensor flow, NLP, Transformers,** EDA

Role:                Build complete 124M GPT architecture from very scratch, from applying tokenization to till coding multiple head attentions.

Key Result:        Learned complete in-depth architecture of transformer block for GPT, coded it and used for various tasks like text translation, etc.

More projects at [Here](#)

## Academic Details

Course of study	Institution	Examining Authority	Year	Percentage
B.E.(CSE) Pursuing	Shram Sadhana Bombay Trust COET, Jalgaon.	KBCNMU University	2025	CGPA- 7.5
XII STD	SVKM's MJ College Jalgaon.	MH State Board	2021	88.40%
X STD	ATZ Madhyamika Vidyalaya Jalgaon.	MH State Board	2019	86.2%

## PERSONAL DETAILS

**Date of Birth:** 12 August 2003

**Language known:** English, Marathi, and Hindi

I hereby declare that the information presented above is correct and true to the best of my knowledge.

Date: 17 November 2024

Place: Jalgaon

(Mr. Prasad A. Chavan)