

# Deepaksakthi Vellore Kumar

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Chennai, Tamil Nadu

## ABOUT

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### Engineering Undergraduate — ML, Data Science, Language Model Enthusiast

Skilled in AWS, Data Analytics, Python, and AI. Develop Language Models and create engaging content.

## EDUCATION

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- ✚ St. Joseph's College of Engineering Chennai, India  
*Bachelor of Technology – Information and Technology* 2021 – 2025
- ✚ Sri Chaitanya Techno Schools Bengaluru, India  
*Senior Secondary* 2019 - 2021

## SKILLS

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- ✚ Programming : Python (Advanced), C, Java
- ✚ Cloud Platforms : AWS
- ✚ Machine Learning : TensorFlow, Scikit-learn

## PROJECTS

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- ✚ [gradDescendor](#) This project introduces a compact Autograd engine and a small neural networks library on top of it with a PyTorch-like API.
- ✚ [Bigram](#) Developed and implemented Bigram, an auto-regressive character-level language model, utilizing a Probability matrix and Neural Network approach.
- ✚ [feedMePDF](#) Engineered feedMePDF, a PDF reader app leveraging the Gemini Pro API from Langchain and integrating FIASS for vector database operations.

## EXPERIENCE

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- Data Science Trainee @ Innomatics Research Labs Feb-2023 – May-2023
  - ✚ Streamlit, Flask, SQLAlchemy.
  - ✚ Exploratory Data Analysis, Supervised and Unsupervised ML techniques, CRISP – ML framework.
  - ✚ RASA, AWS Batch, MLOps.
- Data Science Intern @ Edunet Foundations Nov-2022

## LANGUAGES

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English, Tamil, Telugu