

# Ninad Parikh

6355625468 | parikhninad@gmail.com | linkedin.com/in/ninad-parikh-66849a232 | github.com/Ninad1306

## Experience

### FULL STACK DEVELOPER | RESILIENT SOFTWARE SERVICES | DEC 2023 – APR 2025

- Designed and delivered clean, efficient code and intuitive user experiences based on complex client specifications.
- Rapidly became an integral core developer, contributing to open-source software and multiple successful project deployments.
- Led technical training sessions while maintaining a positive, collaborative environment within high-performing development teams.

## Research Projects

### Evaluation Frameworks for Catastrophic Forgetting in LLM Pretraining

- Researched literature on evaluation metrics like BWT and MICA, focusing on subset selection techniques to effectively mitigate forgetting in LLMs.

### RAPID KNN

- Implemented an optimized version of the traditional KNN algorithm using a sampling-based approach to reduce computational overhead.
- Integrated PyNNDescent for approximate nearest neighbor indexing, significantly improving performance on large, high-dimensional datasets.
- Achieved improved scalability and reduced complexity compared to traditional KNN.

## Education

### INDIAN INSTITUTE OF TECHNOLOGY, BOMBAY | JUL 2025 - PRESENT

- Master of Science by Research, Computer Science and Engineering

### THE MAHARAJA SAYAJIRAO UNIVERSITY, VADODARA | JUL 2020 - APR 2024

- Bachelor of Engineering, Computer Science and Engineering
- Percentage: 75/100 (First Class with Distinction)

### VIDYUT BOARD VIDYALAYA, VADODARA | JUN 2019 - MAR 2020

- Higher Secondary Education, Science Stream
- Percentage: 82/100

## Achievements

- Secured **Rank 233** in the GSHSEB Examination 2020 (out of approximately 50,000 students).
- **All India Rank 342**, Graduate Aptitude Test in Engineering 2025 (out of approximately 1,75,000 students).

## Technical Skills

- Python, JavaScript, SQL, Git, Latex