# Sai Praneeth Reddy Mora

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## Summary

Organised and self-motivated software engineer with 2 years of professional experience in backend and MLOps. Proficient in Python and FastAPI, with working knowledge of other programming languages. Experienced in relational databases, particularly PostgreSQL, and adept in Agile Development methodologies. Committed to continuous learning and updating technical skills

## WORK EXPERIENCE

**Simulation Software & Technology**                                    **11/2023 – Present**
*Software Engineer (GenAI)*                                                            *Remote*
- Developed a **high-quality multi-lingual, multi-directional translation service** based on the Seamless model, handling over 5,000 translations per day
- Directed efforts to **extract named entities**, **generate relationships**, and **analyse document sentiment**, **themes**, and **topics**. Managed an intake of over 10,000 documents daily
- Designed and deployed a **Retrieval-Augmented Generation (RAG) application**
  - Applied relevant document context to craft personalised and informative responses, boosting response quality by 60% compared to conventional methods
  - Implemented caching and optimised database queries, reducing response times by 30%
- Contributed to the development of a scalable and fault-tolerant architecture, ensuring high availability and performance

**Navana.ai**                                                                          **09/2022 – 11/2023**
*Software Engineer*                                                                              *Remote*
- Collaborated with Microsoft Research Team and IISc to gather **1500+ hours of voice data**, facilitating the digitization of rural areas through speech technology
- Built NavaShabd, a platform for **audio transcription in Indian regional languages**, resulting in 75% reduction in transcription time compared to previous methods
  - Spearheaded the software development lifecycle, from ideation to deployment based on user feedback
- Developed and implemented various **automation tools to streamline day-to-day tasks**, improving efficiency by 40% while reducing effort.

## EDUCATION

**M.E.S Senior College**                                                                          **2022**
*Bachelor of Business Administration in Computer Applications*                          *Pune, India*

**Prodigy Public School**                                                                          **2018**
*Higher Secondary - CBSE*                                                                      *Pune, India*

## SKILLS & INTERESTS

- **Skills:**
  - Languages: Python, Javascript, Typescript, Go, Dart
  - Frameworks: FastAPI, Svelte, Flutter, Gin
  - Tools and Databases: Git, Linux, Bash, Docker, PostgreSQL, MongoDB

- **Interests**: Road trips; Gaming; Bingeing anime; Tinkering with anything linux