SEJAL MUKANE

SOFTWARE DEVELOPER

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SUMMARY

Motivated Computer Engineering student and Full-Stack Developer with hands-on experience in MERN, Next.js, FastAPI, and ML/AI development. Skilled in integrating LLMs, building production-ready web apps, and developing intelligent systems using time-series forecasting models. Experience includes AI recruitment automation, AI marketing content generation, and participating in ISRO's GNSS prediction challenge. Strong problem-solving mindset with a passion for creating impactful, user-centric applications.

TECHNICAL SKILLS

Programming:	Frontend :	Backend:	Databases:	Machine Learning:	Tools :
JavaScript	React.js	Node.js	MongoDB	Time-Series ML	Github
Python	Next.js	Express.js	SQL	LSTM	Postman
HTML		FastAPI		GRU	
CSS				Transformers	
				LLM Integration	

PROJECTS

AdCentrix — AI Marketing Content Generator (Group Project)
Tech Stack: Next.js, FastAPI, LLM APIs, Google Trends
Co-built an AI tool that generates marketing content using LLMs with trend-based insights. Developed the Next.js UI and integrated FastAPI endpoints.

WorkAlign — AI Resume Screening Platform
Tech Stack: Next.js, FastAPI, MongoDB, Gemini API
Built an AI system that analyzes résumés, extracts skills, and matches candidates to job descriptions using LLM-based evaluation and scoring.

GNSS Error Prediction App — ISRO Time-Series ML Project (Ongoing)
Tech Stack: Next.js, Python, FastAPI, LSTM, GRU, Transformers
Currently working on a time-series ML application for ISRO's GNSS error forecasting challenge. Building models to predict satellite error patterns and developing a Next.js interface to visualize 15-minute interval predictions.

EDUCATION

Bachelor of Engineering (Mumbai University)   **(2023–2027)**
Vidyavardhini's College of engineering and technology
- To be pursuing Honours in Computer Engineering
- CGPA 7.10 (SEM I - SEM IV)

HSC (Science & Commerce)   **(2021–2023)**
Boys Town Jr. College (Science and Commerce)
- HSC Exam Score : 72 % MHT-CET Score : 75.72 %ile

ADDITIONAL INFORMATION

- **Languages:** English, Hindi, Marathi.
- **Certifications:** Full stack Web Development Internship Program (Edureka)
- **Awards/Activities :** Completed multiple full-stack and ML projects individually and collaboratively. Participated in various web development workshops and hackathons.