

DEVANG DEOKULE

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SKILLS

- ❖ Java, Kotlin, Python, C, C++, JavaScript, TypeScript, SQL, NoSQL
- ❖ HTML5, CSS3, React, Tailwind CSS, Flask, Firebase, REST APIs, Android Development
- ❖ scikit-learn, AutoEDA, OpenCV, MediaPipe, Git, GitHub, Docker, GitHub Actions, Postman

EDUCATION

- ❖ Bachelor of Engineering – Information Technology,
Terna Engineering College, Navi Mumbai *Pursuing | 2027*
- ❖ Diploma in Computer Engineering,
Vivekanand Education Society's Polytechnic, Mumbai *83.71% | 2024*
- ❖ SSC – Maharashtra State Board,
Swami Vivekanand High School, Mumbai *77.20% | 2020*

EXPERIENCE

- ❖ **Android Development Intern | MOBOND CONSULTANCY Pvt. Ltd.** *June 2023 – July 23*
 - Built the VESP Android App to streamline college admin operations, including real-time attendance tracking, academic calendar, result viewing, and fee management.
 - Used Kotlin with Jetpack Compose for modern UI and Firebase for backend data handling and authentication.
 - Collaborated with faculty to gather requirements and deployed a fully functional prototype with features like digital ID cards, notifications, and academic resources.

ACADEMIC PROJECTS

- ❖ **VESP App** – Kotlin, Jetpack Compose, Firebase
Developed a robust Android application to digitize college operations, enabling real-time attendance tracking, academic calendar updates, fee management, result viewing, and digital ID access. Leveraged Jetpack Compose for a modern, responsive UI and integrated Firebase with Google Sheets for seamless, scalable backend data flow.
- ❖ **Signify** - Python, OpenCV, MediaPipe, scikit-learn, Flask
Built a real-time Sign Language Detection System that converts hand gestures into text and speech using computer vision and a custom ML model. Integrated MediaPipe for hand tracking and pyttsx3 for speech output.
- ❖ **AI Legal Verifier** - React, Vite, Tailwind CSS, OpenAI API, Groq API, NLP, Vector Search
Developed an AI-based tool to verify legal content against Indian laws using semantic search and embeddings. Built with React (Pixel UI) and Vite, featuring confidence scoring and real-time feedback.
- ❖ **NOVA AI Voice Assistant** - Python, Tkinter, SpeechRecognition, pyttsx3, Public APIs
Built a desktop voice assistant with a chat-style GUI to perform tasks like app launching, messaging, and weather/news updates, using Tkinter and multiple public APIs.

POSITION OF RESPONSIBILITY

- ❖ **Core Committee Member | Shilp, Vivekanand Education Society's Polytechnic** 2021-2024
 - Contributed to content planning, design coordination, and overall editorial strategy for the college's official annual magazine.
- ❖ **Core Member – National Service Scheme, Vivekanand Education Society's Polytechnic** 2021-2024
 - Participated in community outreach programs, cleanliness drives, and social awareness campaigns.
 - Represented VESP in several local initiatives promoting social responsibility and student involvement.

ACHIEVEMENTS

- ❖ **Second place in Vivek Technotronix, Vivekanand Education Society's Polytechnic** 2024
 - College-level project competition where students showcase their department-specific projects, which are then evaluated by industry experts.
- ❖ **Finalist CodeByte Hackathon 2025, Lokmanya Tilak College of Engineering** 2025
 - Built an AI-powered Indian Music Recommendation System in a hackathon, securing a Top 5 spot with my team.
- ❖ **Finalist Pixel Palettes Hackathon 2025, Manipal University Jaipur** 2025
 - Built an AI Legal Verifier with retro pixel theme in a hackathon, reaching finals with my team.
- ❖ **Finalist Code Storm Hackathon 2025, DIT University, Dehradun** 2025
 - Built Signify, a real-time Sign Language Detection System using MediaPipe, OpenCV, and a custom ML model to convert hand gestures into text and speech.