Ninad Kangandul

Recent 2025 IT graduate and full-stack developer with expertise in Python, React, Node.js,JavaScript and Android development .
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EDUCATION

St. Francis Institute of Technology   *Mumbai, India*
Bachelor of Engineering in Information Technology   2021 – 2025
Relevant Coursework: Web Programming, Computer Networks, Software Engineering, Data Science.

TECHNICAL SKILLS

- **Programming Languages:** Python, JavaScript, SQL, HTML, CSS,Java.
- **Frontend Development:** React.js, Responsive Web Design, AJAX, Bootstrap.
- **Backend Development:** Node.js, Express.js, Flask, RESTful APIs.
- **Databases & Storage:** Firebase, MongoDB,MySQL.
- **Cloud & Platforms:** AWS.
- **Development Tools:** Git, GitHub, VS Code, Android Studio.
- **Specialized Technologies:** OpenCV, YOLO, CNN, Computer Vision.

PROJECTS

EVENT MANAGEMENT SYSTEM (BOOKMYEVENT) | Full Stack Development
- Built React.js/Tailwind CSS frontend and Node.js/Firebase backend to automate workflows, QR check-ins, real-time chat, and organizer dashboards.
- Integrated Razorpay and QR Code APIs for payment processing and secure ticket validation.
- Applied Python ML (matrix factorization, TF-IDF, K-means) for personalized recommendations, trending filters, and location-aware suggestions, and automated event data collection with Puppeteer.

AYUSHARKS: AYUSH Networking Platform | Full Stack Development
- Developed React/Tailwind UI and Node.js/Firebase backend with role-based dashboards displaying connection requests, active contacts, mentor recommendations, and key metrics.
- Implemented one-to-one messaging, WebRTC video calls, and a mentors module for startups to connect with industry experts, schedule guidance sessions, and track progress on personalized dashboards.
- Created searchable listings with filters (domain, stage, location) and an Instagram-style product feed—complete with image uploads, captions, and engagement metrics—to showcase offerings and attract investor funding.

BENIO: Engineering Guidance Chatbot
- Designed and trained a convolutional neural network using TensorFlow/Keras and NLTK for intent classification, achieving over 90% accuracy across 50+ engineering-related intents.
- Developed a Flask-based web application with responsive, animated UI and integrated Flask-SocketIO for real-time user interactions.
- Designed and implemented a custom NLP training pipeline utilizing bag-of-words vectorization, WordNet lemmatization, and structured JSON intent datasets to deliver precise and context-aware conversational responses for academic and career guidance.

ACHIEVEMENTS

- Secured 1st Place in Smart India Hackathon (SIH) 2023. [Certificate](#)
- Awarded Consolation Prize at Colloquium 2023, SFIT [Certificate](#)
- Participated in 36-hour VCET National Level Hackathon 2023 [Certificate](#)