

# NINAD KANGANDUL

## Software Engineer

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### Summary

BE IT graduate skilled in full-stack web and Android development using React, Node.js, Flutter, and Firebase. Experienced in building automation, trading, and AI-based safety applications with a focus on clean code and real-time features. Strong foundation in Python, JavaScript, databases, and modern development tools.

### Skills

**Programming Languages:** Java, JavaScript, Python, SQL

**Web Development:** React.js, Node.js, Express, RESTful APIs, HTML, CSS, TailwindCSS

**Mobile Development:** Android (Kotlin), Flutter, Broadcast Receivers, Accessibility APIs

**Databases:** MongoDB, MySQL, Firebase, Firestore

**Development Tools:** Git/GitHub, VS Code, Linux, Postman, AWS

**AI/ML:** Generative AI concepts, AI/ML model integration, OpenCV, TensorFlow

### Experience

#### Full Stack Developer

AYUSHARKS: AYUSH Networking Platform

August 2024 – December 2024

Tools Used: React.js, Node.js, Firebase, Tailwind CSS, WebRTC

- Engineered React/Node.js platform with role-based dashboards, WebRTC video calls, and real-time messaging for startup mentorship.
- Implemented Instagram-style product feeds with image uploads and engagement metrics to showcase offerings to investors.
- Optimized backend performance and database queries, enabling scalable user management and seamless connection requests.

### Projects

#### SentinelGuard: AI Parental Control App | Flutter, Python, YOLOv8, SQLite

August 2025 – October 2025

- Developed cross-platform app featuring on-device YOLOv8 NSFW detection (92% accuracy) and privacy-focused local SQLite storage.
- Secured Top 75 ranking in Paranox National Competition (1500+ entries) and optimized Python APIs for sub-500ms latency.

#### BOOKMYEVENT: Event Management System | React, Node.js, Firebase, ML

July 2023 – December 2023

- Built full-stack platform with Razorpay integration, QR check-ins, and automated event data collection via Puppeteer.
- Deployed Python ML models (TF-IDF, K-means) to power personalized event recommendations and trending filters.

#### BENIO: Engineering Guidance Chatbot | Python, TensorFlow, Flask, NLTK

January 2024 – April 2024

- Developed CNN-based chatbot achieving 90%+ intent accuracy using custom NLP pipeline and WordNet lemmatization.
- Created animated Flask web interface with SocketIO for low-latency, real-time academic and career guidance interactions.

### Awards & Certifications

- 1st Place, Smart India Hackathon (SIH) 2023: National-level winner for innovative technical solution.
- Consolation Prize, Colloquium 2023 (SFIT): Recognized for outstanding project execution and presentation.
- Participated, VCET National Hackathon 2023: Competed in intensive 36-hour rapid development challenge.

### Education

#### Bachelor of Engineering in Information Technology

St. Francis Institute of Technology, Mumbai

Graduated: 2025