# Nandesh Kalashetti

Full-Stack Web/Gen-AI Developer:

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**LeetCode** | **Git** | **GitHub** | **Linkedin** |

**My portfilio: https://nandesh-kalashettiportfilio2386.netlify.app/**

## ❋ OBJECTIVES

🕴 **Motivated Full-Stack Developer** with a strong background in web technologies and a passion for AI innovation. Skilled in **React.js, TypeScript, PHP, Java, and the MERN stack**, I specialize in building **cutting-edge generative AI chatbots** that enhance user interactions with personalized, context-aware, and human-like responses. By leveraging **advanced Retrieval-Augmented Generation (RAG) techniques and prompt engineering**, I create innovative AI solutions that drive meaningful impact.

## 🖥 EDUCATION

**Solapur University-Maharashtra**

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| **Walchand Institute of Technology** | **Solapur** |
| **Information Technology Bachelor** | |
| *CGPA: 8.8/10* | |

| | |
|---|---|
| **Walchand College of Arts and Science** | **Solapur** |
| **Degree in 12 HSC, July 2019-March 2021** | |
| *Percentage: 89%%* | |

| | |
|---|---|
| **Mangrule High School (KLE SOCIETY)** | **Akkalkot** |
| **Degree in 10 SSC** | |
| *Percentage: 81.67%%* | |

## ❋ EXPERIENCE

**Katare Informatics** — *Full-Stack Developer{with certification}*

Solapur | *May 2023-October 2023 (6 Month Experience)*
- Immersed in web development, er Handling (Apache_Foundation) and **Advanced PHP**.
- Gained experience in front-end and back-end development, and database management through hands-on projects and collaboration.

## ❋ SKILLS

- **Programming Languages:** Java, JavaScript, TypeScript, Python
- **Web Development:** HTML, CSS, React.js, Node.js, Express.js, MongoDB
- **Frameworks s Libraries:** React.js, Redux, TypeScript, Laravel
- **Tools s Platforms:** Git, Jenkins, Docker, Tomcat, Maven
- **Cloud s DevOps:** AWS Cloud Foundations, CI/CD pipelines
- **Database:** MySQL, MongoDB

### ★ Chatbot & AI Development:

- **Frameworks & Libraries:** LangChain, OpenAI API, Hugging Face, TensorFlow, PyTorch
- **Natural Language Processing (NLP):** Chatbot Development, Sentiment Analysis, Named Entity Recognition (NER), Tokenization

# 👧💻 Projects / Open-Source

1. **ActivityHub:** A social learning platform built with React.js, HTML5, CSS3 for frontend, Advanced PHP for backend, and MySQL database, featuring secure user authentication, real-time interactive learning modules, and personalized notification systems.

2. **AdvancedCounter Application:** Advanced Mathematical Utility Counter leverages React.js with cutting-edge state management, featuring a comprehensive computational toolkit. Utilizes functional programming principles, dynamic reducer logic, and interactive UI design. Tech stack includes React Hooks, JavaScript ES6+, and modular CSS, delivering a powerful, scalable mathematical exploration platform with near-instant computational capabilities.

3. **⌀E-Cart: Your Smart Shopping Companion:**E-Cart is a modern online shopping website that makes buying things easy and fun! With simple search, cool design, and easy-to-use features, you can find products quickly. It works smoothly on any device, lets you switch between light and dark modes, and helps you discover exactly what you want to buy.

4. **Generative AI Chatbot:** Developed a cutting-edge chatbot using a Retrieval Augmented Generation (RAG) model and advanced LLM techniques. This project integrates a personalized knowledge base (built from my resume and other documents) with state-of-the-art semantic embeddings and vector search (via ChromaDB) to deliver accurate, context-aware, and human-like responses. This chatbot adapts its answers to provide concise responses for simple queries and detailed explanations for complex questions, demonstrating innovative prompt engineering and optimized inference.

5. **Online Course Catalog Web Application:**

    a. **Tools:** Jenkins, Maven, Tomcat, GitHub
    b. **Features:** Interlinked course pages, instructor details, and automated deployment.

   **And many more projects ..check Github account for more .......**

# 👧🎗️🎓 Certifications
- **AWS Cloud Foundations - AWS Academy**
- **Workshop – DevOps**
- **[AWS Cloud Foundations – AWS Academy](#)**
- **Completed many Infosys Courses.**

# 🥰 Achievements:

- Achieved a **4/5 rating** in the AICTE Assessment Test at the Institute Level.
- Spearheaded impactful solutions, improving organizational efficiency by 30%.
- Completed over 10+ successful projects, showcasing a commitment to innovation and continuous learning.