

Nibin Joseph

Full-Stack Developer | Python • Java • Flutter

Passionate and self-driven developer with strong expertise in Java and Python, building impactful web applications using Spring Boot, Django, and machine learning. Experienced in both solo and team-based projects, I thrive on solving real-world problems with clean, scalable code and innovative thinking.

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📍 Kuttikkanam, India

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📞 9778234876

📄 nibin-joseph05.github.io/portfolio-nibin/

🔗 github.com/nibin-joseph05

EDUCATION

Schooling

St Joseph Higher Secondary School,
Peruvanthanam

06/2009 - 03/2021

Bachelor Of Computer Applications (BCA)
MG University Kottayam, Kerala, India

07/2021 - 07/2024

Master Of Computer Applications (MCA)
Marian College Kuttikkanam, Autonomous

07/2024 - Present

PERSONAL PROJECTS

SMS SPAM

- This project integrates Natural Language Processing (NLP) and Machine Learning (ML) techniques to analyze and classify messages as spam or non-spam, providing a secure and efficient communication platform.

MovieFlix

- Developed a full-stack web app using Spring Boot, Next.js, and PostgreSQL. Features include OTP and Google login, real-time seat booking, Google Maps integration, TMDB movie info, food ordering, email ticketing with QR, and Razorpay payments. **Live:** movieflix-sooty.vercel.app

PlaySpot

- Developed using Django and PostgreSQL with features like user authentication, turf booking, feedback, and an admin panel. Integrated an NLP-powered FAQ chatbot using TF-IDF, cosine similarity, and sentence embeddings (MiniLM) for smart query handling. **Live:** playspot-py.duckdns.org

Campus Connect

- Built with Django and Python, this platform streamlines campus communication through group messaging, file sharing, event calendars, and academic support. Designed to improve collaboration and community engagement within the university.

WORK EXPERIENCE

Independent Developer
Freelance

07/2021 - Present

Kuttikkanam, Kerala, India

Freelance Full-Stack Developer
Spice E-commerce Platform — Ongoing

04/2025 - Present

Remote (Kuttikkanam, India)

SKILLS

java

flutter

django

mongodb

laravel

spring boot

python

machine learning

postgresql

next js

react

react vite

tailwind css

nlp

gcp

aws

ACHIEVEMENTS

Student Police Cadet (SPC)

Student Police Cadet (SPC) – Gained leadership and civic responsibility through active participation in school-level programs.

Paper Presentation

Presented a paper on "Using AI to Address Water Stress and Toxicity in Semiconductor Manufacturing," exploring GANs and VAEs for sustainable chip production and reduced environmental impact.

Coordinated Tech Fest

Coordinated a Virtual Reality Experience at a college-level tech fest – Led the design and execution of an interactive VR demo, enhancing tech awareness among students.

CERTIFICATES

RedHat System Administrations| | RedHat

Data Science 101| | cognitiveclass.ai

Data Analysis with Python| | Cognitive Class

Data Science Methodology| | Cognitive Class

Data Science Tools| | Cognitive Class

LANGUAGES

English

Native or Bilingual Proficiency

Malayalam

Native or Bilingual Proficiency

INTERESTS

Web Application Development

Artificial Intelligence and Machine Learning

Django

SpringBoot

flutter

App Development