

ABIN SKARIA

✉ abinskaria28@gmail.com ☎ +91 8527718337
<https://www.linkedin.com/in/abin-skaria> | <https://github.com/Abin-28>



My **PORTFOLIO** : 🔗 <https://abin-28.github.io/Portfolio/>

SUMMARY

I am a dedicated and enthusiastic technology student with a Bachelor of Technology in Computer Science and Engineering. My proficiency includes programming languages like C, Java, Python, and others, coupled with a strong interest in Machine Learning and Full Stack Development. During my internships, I gained practical experience and contributed to significant projects aimed at solving real-world challenges

EXPERIENCE

Internship

INFINITA AI

📅 06/2024 08/2024

Internship

Junior AI/ML Engineer

INFINITA AI

📅 09/2024 04/2025

AI/ML Engineer position

Contributed to the end-to-end design and development of full-stack AI projects, including:

- A memory-based AI agent platform
- An AI-powered booking system
- Multiple custom AI agents

Key Responsibilities:

- Integrated LLM models for natural language understanding.
- Built real-time streaming capabilities using WebSockets.
- Designed and implemented conversational flows for dynamic user interactions.
- Developed and tested RESTful APIs using Postman.
- Containerized services using Docker for scalable deployment.
- Deployed frontend apps via Vercel and managed backend infrastructure on Digital Ocean.
- Used Git for version control and collaborated effectively via GitHub.

Collaboration & Workflow Tools:

- Communicated and tracked progress using Slack, Linear, and Notion.

Tech Stack & Tools:

- Frontend: Next.js
- Backend: Node.js, SQL
- Databases: Supabase, MongoDB
- DevOps: Docker, DigitalOcean, Vercel
- APIs & Testing: Postman
- Version Control: Git, GitHub
- AI/Automation Platforms: Voiceflow, Make
- Project Management: Slack, Notion, Linear

EDUCATION

Bachelor of Technology in Computer Science and Engineering

College of Engineering Chengannur

📅 08/2020 05/2024 📍 Kerala

XII (CBSE)

Kerala School VikasPuri

📅 04/2018 05/2020 📍 New Delhi

X (CBSE)

Kerala School VikasPuri

📅 04/2006 03/2018 📍 New Delhi

ACCOMPLISHMENT

- Completed workshops based on UI
- Acted as volunteer in IEEE and IEDC organizations
- Acted as volunteer in Tharang, CEC Tech Fest

PERSONAL PROJECTS

1. TREKZEN

[<https://trekzen11.glitch.me>]

- Purpose:
 - Provides solutions for tourists in planning their tours
 - Suggests suitable and optimal routes
- Algorithms Used:
 - Lin-Kernighan (for optimization)
 - Nearest Neighbor (for approximation)
- Key Features:
 - Plans routes for single or multiple-day vacations
- Technologies Used:
 - Frontend: HTML, CSS, JavaScript
 - Backend: Node.js

2. AyurHealth

[<https://ayurhealth.glitch.me>]

- Purpose:
 - Predicts diseases based on symptoms
 - Suggests Ayurvedic remedies for specific diseases
- Key Features:
 - Predictor Tab:
 - User inputs four symptoms
 - Predicts the disease using a Random Forest algorithm
 - Suggester Tab:
 - User enters a disease name
 - Displays corresponding Ayurvedic remedies
- Technology Used:
 - Machine Learning: Random Forest Algorithm
 - Frontend: HTML, CSS, JavaScript
 - Language: Python

3. Movie-Recommender

[https://github.com/Abin-28/movie_recommends]

- Purpose:
 - Recommends similar movies based on user input
- Dataset Used:
 - Movie dataset containing essential movie details
- Key Features:
 - Uses vectorization method to compare movies
 - Displays top 5 similar movies based on user input
- Technologies Used:
 - Machine Learning: Implemented in Jupyter Notebook
 - Frontend: Streamlit for web interface
 - Language: Python

SKILLS

Programming Languages

- Core Languages : C, C++, Java, Python
- Web Technologies : HTML, CSS, JavaScript
- Database Query : SQL

Frameworks & Libraries

- Frontend : Next.js
- Backend : Node.js
- Database/Backend-as-a-Service : Supabase, MongoDB

Tools & Platforms

- Git, GitHub

STRENGTHS

Soft Skills

- Team Work
- Coordination
- Leadership
- Critical Thinking
- Problem Solving

Technical Interests

Interest in Machine Learning and Full Stack Web Development