DHARSHAN S KOTIAN

+91 9113276117 · darshankotian35@gmail.com · Karnataka, India

github.com/Dharshansk16 · linkedin.com/in/dharshanskotian · dharshanskotian.vercel.app

EDUCATION

B.E., Computer Science & Engineering, NMAMIT — 2023-2027
CGPA: 9.62/10.00 - Course works: Object Oriented Programming, Database, Operating System , Networking

Pre-University Education - PCMCs, Vidyodaya Pre-University College — 2021-2023
Aggregate: 97.67/100 — Karnataka State Board

High-School Education - SSLC, St Francis Xavier English Medium School — 2010-2021
Aggregate: 97.07/100 — Karnataka State Board

EXPERIENCE

Software Development Intern — Oct 2025 - Present
Inspirante Technologies Pvt. Ltd. — *Karkala, India [Remote]*

- Developing a scalable web-application with Next.js, Typescript, Postgres, focusing on high-performance and maintainable architecture.
- Designing robust APIs, database schemas, and system architecture. Implementing secure authentication, role-based access, and notification systems, gaining hands-on experience in complex full-stack development.

PROJECTS

Sophia —**Next.js, LangChain.js, Azure AI Search, Azure Blob, OpenAI, Neo4j, PostgreSQL** — (Source Code)
- Built an AI assistant platform where users can create and train custom personas using their own data.
- Designed a hybrid RAG architecture combining knowledge graph (Neo4j) and vector database to enhance accuracy.
- Reduced LLM hallucinations significantly and improved response reliability through citation-backed outputs.

FiniteLoop Club — **Next.js, Typescript, TailwindCSS, Prisma, PostgreSQL**— (Source Code)
- Collaborated with a team to develop the official website and admin dashboard for the college coding club.
- Led the development of payment and members management, and optimised backend APIs and database design.
- Implemented lazy loading, pagination, and query optimisation for smooth, scalable performance.
- Part of a larger system featuring event management, attendance tracking, certificate generation.

SKILLS

Languages: Python, JavaScript, TypeScript, C++, C, Java
Frameworks & Libraries: Next.js, React, Express.js, Django, Langchain
Databases & ORM: PostgreSQL, Neo4j, MongoDB, Prisma ORM
DevOps & Cloud: Docker, Azure, Vercel, Render
Tools & Version Control: Git, GitHub

EXTRA-CURRICULAR ACTIVITIES

DSA Lead — Finite Loop Club

- Mentored juniors during a month-long hackathon, guiding them in problem-solving, algorithmic thinking, and project development.
- Contributed to building a collaborative and learning-oriented environment within the club.

ACHIEVEMENTS

- Finalist at the AI Innovation Hackathon organised by Kyndryl and Microsoft.
- Second Runner-up at the Crack the Campus Crackathon organised by Castle Rock Inc.
- Represented Nitte University at the South Zone Inter-University Cricket Championship in Chennai.
- Represented Karnataka at the SGFI National-Level Karate Championship in Madhya Pradesh.
- Three-time State-Level Participant at the SGFI Karate Championships.