

Sidharth P N

Frontend Developer Intern

Kerala, India | [LinkedIn](#) | [GitHub](#) | [Portfolio](#)

M.Voc graduate specializing in Generative AI and backend systems with hands-on experience building RAG platforms, multi-agent frameworks, and scalable REST APIs.

EXPERIENCE

Frontend Developer Intern Cognior Technologies Developed responsive enterprise web dashboards using React with improved load stability. Integrated frontend components with RESTful APIs for dynamic data binding and real-time updates. Implemented OAuth 2.0 and JWT-based authentication workflows for secure session management while collaborating with cross-functional teams using Git and Agile methodologies.	Dec 2025 — Mar 2026 <i>Kochi, Kerala</i>
Android Developer Intern Bnkhub Finserv Pvt. Ltd. Built a mobile task management application in Kotlin using MVVM architecture pattern. Integrated Firebase Firestore for cloud-based real-time CRUD operations and data synchronization. Designed adaptive Android user interfaces optimized for diverse screen resolutions and orientation states.	May 2025 — Jul 2025 <i>Ernakulam, Kerala, India</i>

EDUCATION

DDU Kaushal Kendra - CUSAT <i>Postgraduate Degree in Software application development</i> GitHub, Git and +8 skills	Jul 2024 — Jun 2026
Nss College Rajakumari <i>Bca in Computer Science</i>	Sep 2021 — Jun 2024

PROJECTS

Full-stack Generative AI platform with RAG and multimodal capabilities , Jyotish AI Built an end-to-end RAG platform using FastAPI and ChromaDB for semantic document retrieval. Integrated Groq-hosted Llama models for low-latency conversational AI and Google Gemini Vision for multimodal palm image analysis. Created multilingual prompt engineering workflows and developed responsive web interfaces with Three.js 3D visualizations and client-side image compression.
Multi-agent AI software engineering assistant , Codder-Agent Built an autonomous multi-agent system with Planner, Architect, and Coder agents using LangGraph workflows. Automated code generation from natural language prompts into executable project architectures. Implemented schema validation with Pydantic for structured inter-agent communication and delivered both Streamlit and CLI interfaces.
RAG-based customer support application , Telecom Customer Care Chatbot Developed a customer support RAG application to answer technical queries over structured and unstructured datasets. Created vector embeddings using Hugging Face models stored in ChromaDB for fast similarity searches. Implemented automated document ingestion pipelines supporting PDF, CSV, and SQLite data formats.

CERTIFICATIONS

International Conclave on Next-Gen Higher Education , Cochin University of Science and Technology (CUSAT)
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SKILLS

SwiftUI · Responsive Web Design · Python (Programming Language) · Programming Languages · Single Sign-On (SSO) · Software Architecture · OAuth · REST APIs · Agile Software Development · Room Database · Mobile Application Development · Front-End Development · MongoDB · Application Development · PC & Mac platforms · Secure Authentication · Software Engineering Practices · Xcode · Software Development · Cascading Style Sheets (CSS) · JavaScript · SQL · Kotlin · HTML5 · CSS3 · Generative AI · LLMs · Retrieval-Augmented Generation (RAG) · LangChain · LangGraph · Prompt Engineering · NLP · Computer Vision · Vector Databases · ChromaDB · Google Gemini API · Groq API · FastAPI · Django · React · Streamlit · PostgreSQL · SQLite · Firebase Firestore · Git · GitHub · Postman · Swagger/OpenAPI · Android Studio · Linux
