

Arshad Sherif

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EDUCATION

SRM Institute of Science and Technology, Kattankulathur
Bachelor of Technology in Computer Science Engineering

Sep 2021 – June 2025
CGPA : 9.08

WORK EXPERIENCE

NYALAZONE SOLUTIONS | [Link](#)

SDE Intern

Noida, India
Mar 2025 – Sep 2025

- Contributed to the company's CRM platform, working across both frontend and backend to support modular feature development and performance improvements.
- Migrated legacy systems from **Angular 8** to **Angular 19**, enhancing scalability, maintainability, and leveraging modern framework features.
- Developed and maintained backend logic using **Python 3**, **Flask**, **PostgreSQL**, and **SQLAlchemy**, in line with standards.

FIDELITY INVESTMENTS | [Link](#)

Leap Intern

Bangalore, India
Jun 2024 – Sep 2024

- Developed a full-stack application using **Power Apps** to streamline user onboarding for a **tokenization** platform, with secure login, automated form submission, and automated data export to Excel.
- Designed applications for **asset and tranche creation** and token management, tailored to user permissions. Collaborated with senior developers on backend integration, boosting system efficiency by 25% and reducing onboarding time by 40%.

PROJECTS

Imagic - SaaS Image Editing Application | [Link](#)

- Developed "Imagic", a SaaS image editing application using **Next.js**, **MongoDB**, and Vercel, enabling advanced real-time image operations.
- Integrated AI-powered image processing via **Cloudinary**, reducing image load time by 5% and enhancing performance.
- Implemented secure authentication with **Clerk** and seamless payment processing using **Stripe** to improve user experience.

SkyNet – Decentralized File Storage Application | [Link](#)

- "Engineered a decentralized application (**DApp**) leveraging blockchain technology and **IPFS** storage for secure file uploads, with JWT-based authentication for Pinata API integration.
- Developed a responsive frontend using **React.Js**, Shadcn UI, and Framer Motion, delivering a seamless user experience optimized with Vite and deployed on Vercel.
- Utilized **Hardhat** and **Ethers.js** for smart contract development, testing, and deployment on the Sepolia testnet, ensuring real-time transaction tracking and immutable file metadata storage.

Hirrd – Job Portal | [Link](#)

- Designed and implemented a feature-rich job portal platform using **React**, **Vite**, and **Tailwind**, with functionalities for job posting, tracking, and real-time filtering, utilizing **Firebase** for performance and scalability.
- Utilized Clerk for robust user authentication with support for Google OAuth and email/password login, enhancing user experience with secure and accessible account handling.

RAG-Powered News Chatbot | [Link](#)

- Built a **RAG-based chatbot** using **React** and **FastAPI** that ingests news from **RSS feeds**, generates embeddings (**Sentence Transformers/Gemini**), and retrieves context via **Redis** vector search.
- Implemented real-time streaming chat and news retrieval pipeline using **Sentence Transformers/Gemini** embeddings with scalable Redis-based storage.

TECHNICAL SKILLS

Languages: Python, JavaScript/TypeScript, Solidity, C++

Frameworks and Technologies: Angular, ReactJs, NextJs, Redux, RxJs, TailwindCSS, SCSS, ShadCn, MotionUI

Backend & Databases: Flask, FastAPI, NodeJs, PostgreSQL, Firebase, Redis, MongoDB

Other Tools: Git, Power Apps, HardHat, Alchemy, ThirdWeb, MetaMask

CERTIFICATIONS

- Front End Development Libraries Certification (Freecodecamp) | [Link](#)
- Responsive Web Design Certification (Freecodecamp) | [Link](#)
- Oracle Cloud Infrastructure 2024 Certified Foundations Associate | [Link](#)
- Received Fortinet Certified Associate in Cybersecurity | [Link](#)