Dhruv Anand

Software Developer

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LinkedIn   Github   Protfolio

TECHNICAL SKILLS

- Python
- C++
- Firebase
- MySQL
- OOPs
- Data Structures
- React JS
- ExpressJS
- MongoDB
- NodeJs
- Postman
- Figma
- SvelteKit
- LLms
- Kotlin
- LitegraphJS
- Docker
- Git
- Github
- fastapi

EDUCATION

Sagar Institute Of Research And Technology, Bhopal   August 2019-May 2023

Computer Science Engineering | B. Tech   8.29 CGPA

B.M. Convent Sr. Sec. School, Ganj Basoda   April 2017-May 2018
Class 12th | CBSE

EXPERIENCE

Company Name:	**NerveSparks**	March 2024- present
Position:	**Associate Software Developer**	Gurugram, India
Tech Stack :	**MERN Stack, Sveltekit, Tailwind CSS, Figma, Git, Android-Studio, LitegraphJS, LLMs, AuthJs**	

Open-Source Project: Iris - Offline AI Chat App (Android)
- Developed the app using Kotlin and Jetpack Compose for a modern, user-friendly experience.
- Optimized model performance, reducing inferencing time by 80%.
- Implemented chat memory to provide context-aware responses.
- Integrated Llama.cpp for efficient on-device execution of large language models, enabling offline functionality.

Nervesparks Website
- Developed front-end components using SvelteKit with MongoDB integration for efficient data management.
- Optimized performance, reducing Speed Index from 8 seconds to 2 seconds.
- Improved SEO score from 72 to 100 by implementing best practices.

ModelBuilder (No-Code ML Platform)
- Added PyTorch nodes for torch.nn with shape calculators, toast notifications, and error-proof node connections.
- Enabled users to generate PyTorch code with a single click.
- Reduced user error rate to 1% by streamlining the interface and functionality.
- Managed and mentored a team of interns, overseeing development tasks and fostering growth.

Company Name:	**Made2Automate** (incubated @NSUT Dwarka)	Januaray 2024- March 2024
Position:	**SDE Intern**	Delhi, India
Tech Stack :	**MERN Stack, Firebase, Tailwind CSS, Material UI, Fligma, Git**	

POS System for JUNG Switches Company
• Developed the POS system using ReactJS and Firebase realtime database.

Factory Management Software for Equinex(Bird Machines)
• Developed the management software using MERN stack with user manageent, authentication using JWT, and authorization features.

PROJECTS

Iris- Offline LLM Chat App

March 2024 - Ongoing   Github Link

Iris can run any GGUF model locally on any android device without using internet. It supports, Speech To Text, Text to Speech, Downloading Models from huggingface all this while ensuring 100% privacy by being open source.

HOBBIES

Badminton, Chess, Graphic Designing, Photography, Anime, Gaming and Esports.