

# Darshan V

Full Stack Developer

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## Education

### Bachelor of Technology

Computer Science and Engineering

Final Grade: 9.27

REVA University

Dec 2020 – Jul-2024

## Work Experience

### swastya.ai

Full Stack Developer

Feb 2024 – March 2025

Bengaluru, India

- Architected and developed swastya.ai LIMS platform using Next.js App Router frontend and Spring Boot backend with gRPC/Protobuf.
- Implemented containerized microservice architecture with multi-stage Docker builds for optimized deployment.
- Established automated CI/CD pipelines using GitHub Actions and DORA metrics show a 85% reduction in change failure rate and reducing deployment lead time from hours to minutes.

### DXC Technology

Custom Apps Intern

Jul 2023 – Oct 2023

Bengaluru, India

- Developed a logistics platform for real-time container tracking using Next.js and Mapbox APIs accurate up to 30 meters.
- Built a regression model to predict the Remaining Useful Life (RUL) of compressors with 93% accuracy for preventive maintenance.
- Deployed the platform on AWS using Docker containerization.

### GCID Bangalore

Project Intern

Aug 2022 – Nov 2022

Bengaluru, India

- Project exploring novel approaches to Cybersecurity using Blockchain.
- Performed chain analysis of popular tokens using Etherscan to identify and track suspicious transactions from bad actors.

## Research Publication

### IoT Based Attendance Monitoring System Using Facial Recognition

Facial Recognition, IoT Integration

July 2024

Co-authored and published the paper at the 2024 Second International Conference on Advances in Information Technology (ICAIT). <https://ieeexplore.ieee.org/document/10690462>

## Projects

### IOPTN

Hardhat, Metamask, Next.js

Nov 2023

Research Project

Indian Organ Procurement and Transplantation portal - IOPTN, is an experimental organ donation site built on Ethereum Blockchain network. The web application is built using Next.js and is hosted on Vercel.

### Medify

Flutter, Metamask, Web3Dart

Mar 2022

Parsec, IIT-Dh

An app that stores a person's medical information on blockchain enabling medical personnel to access it in an emergency. Securing III place at prestigious IIT-Dh Hackathon.

## Detection of text generated by GPT-2 using ML

GPT-2, NLTK, Scikit-learn

May 2023

REVA University, Bengaluru

A research based Mini Project on AI generated text Detection. We propose a pipeline of Tf-Idf transformers and an ML Model to detect short stories generated by GPT-2 Language Model.

### Awards

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**Third Place**

36 Hour Hackathon Parsec - the annual technical festival of IIT-Dh

2022