Darshan V

Full Stack Developer

🌐 HeyDarsh.in   ⌂ Diplo2by
🚩 Bengaluru, India   in vdarshh
📞 9742237073   ✉ contactdarshanv@gmail.com

Education

Bachelor of Technology   *REVA University*
Computer Science and Engineering   *Dec 2020 – Jul–2024*
Final Grade: 9.27

Work Experience

swastya.ai   *Feb 2024 – March 2025*
Full Stack Developer   *Bengaluru, India*

- Architected and developed swastya.ai LIMS platform using Next.Js App Router frontend and Spring Boot backend with gRPC/Protobuf, aiming to achieve an improvement in a pathology's operational efficiency.
- Implemented containerized microservice architecture with multi-stage Docker builds, reducing image sizes by 35% and optimizing deployment across testing and staging environments.
- 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   *Jul 2023 – Oct 2023*
Custom Apps Intern   *Bengaluru, India*

- Developed a logistics platform for real-time container tracking using Next.Js and Mapbox APIs accurate up to 30 meters, enhancing supply chain visibility for clients across 12 countries.
- Built a regression model to predict the Remaining Useful Life (RUL) of compressors with 93% accuracy for preventive maintenance, reducing unplanned downtime by 27%.
- Deployed the platform on AWS using Docker containerization, resulting in improved application performance and ease of development.

GCID Bangalore   *Aug 2022 – Nov 2022*
Project Intern   *Bengaluru, India*

- Led a research project exploring novel approaches to Cybersecurity using Blockchain technology across diverse enterprise systems.
- Performed chain analysis of popular tokens using Etherscan to identify and track suspicious transactions from bad actors, developing pattern recognition methodologies.

Research Publication

IoT Based Attendance Monitoring System Using Facial Recognition   *July 2024*
Facial Recognition, IoT Integration

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   *Nov 2023*
Hardhat, Metamask, Next.Js   *Research Project*

Indian Organ Procurement and Transplantation portal - IOPTN, is an experimental organ donation site built on Ethereum Blockchain network facilitating transparent and secure organ donation registrations. The web application is built using Next.Js and is hosted on Vercel with smart contract integration for unalterable record keeping.

Medify   *Mar 2022*
Flutter, Metamask, Web3Dart   *Parsec, IIT-Dh*

An app that stores a person's medical information on blockchain enabling medical personnel to access it in an emergency through secure cryptographic access control. The application secured III place at prestigious IIT-Dh Hackathon.

Detection of text generated by GPT-2 using ML   *May 2023*
GPT-2, NLTK, Scikit-learn   *REVA University, Bengaluru*

A research based Mini Project on AI generated text Detection with a focus on developing robust language pattern analysis techniques. We propose a pipeline of Tf-Idf transformers and an ML Model to detect short stories generated by GPT-2 Language Model, achieving 93.67% detection accuracy on diversified test datasets.

Awards

Third Place   36 Hour Hackathon Parsec - the annual technical festival of IIT-Dh   *2022*