

# Disha Deepak Shanbhag

AI / ML Developer | Data Science and Analyst | Full Stack Engineer  
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[Linkedin](#) | [GitHub](#) | [Portfolio](#)



## Education

**PES University**  
B.Tech C.S.E | CGPA: **8.8**

Bengaluru  
2022 - 2026

**Presidency School Bangalore South**  
12th Grade - CBSE | Percentage: **93%**

Bengaluru  
2020 - 2022

**Mitra Academy**  
10th Grade - ICSE | Percentage: **97%**

Bengaluru  
2018 - 2020

## Experience

### BOSCH BGSW | Machine Learning Research Intern

Bengaluru | June 2025 - Present

- Built an agentic AI pipeline using DistilBERT and Llama 3.1 for intent classification and entity recognition for Voice solutions
- Built for Car voice solutions domain for infotainment

### Centre for Cognitive Computing and Computational Intelligence | Machine Learning Research Intern (Research paper won Best Paper Award at FICTA'25 )

Bengaluru | May 2024 - July 2024

- Built an Intelligent Proximity-Based Tourism Recommendation System with NLP-Driven Summarization and Multilingual Support
- Conducted a comparative analysis of CLS and N2 layer embeddings, leading to improved model selection.

## Skills

Programming Languages: Python,, C, Java, Javascript, R, Rust  
Libraries/Frameworks: Tensorflow-keras, Pytorch, NodeJs, NextJs, Selenium  
Tools / Platforms: Git, Docker, AWS, Linux,  
Databases: SQL, MongoDB

## Projects / Open-Source

- Another-kubernetes** | [LINK](#) **Cloud Computing | Docker | Containers**  
Simulates a cluster with nodes (Docker containers) and pods, featuring node management, pod scheduling, and health monitoring, accessible via a web interface.
- AI powered Budget App** | [LINK](#) **Full Stack | AI**  
Full-stack budget app with a chatbot to track transactions, set savings goals, and manage budgets with AI-driven categorization . real-time financial insights using Grok AI, generating reports and budget alerts and goal progress
- Traffic vehicle detection** **Machine Learning | CNN**  
Detecting vehicles given a camera footage input, details about the vehicle over-speeding and detecting lane changes for trucks.
- Distributed Logging System** | [LINK](#) **Big Data | Kafka | Fluentd**  
Streamlined processes for collecting and analysing logs generated by 3 microservices in healthcare domain

## Honors and Awards

- Awarded with CNR and MRD Scholarship five times for being in top 10% in an academic semester
- AIR 2 in Best Technical Presentation and AIR 4 overall at The SAE-DDC24
- Best Paper Award at FICTA '25 held in London among 100+ papers across 40 countries.
- Top 75 in Nokia's Accelerate Her In Tech hackathon.
- Best Outgoing Student Award(At Mitra Academy), ARA Memorial Merit award (Mitra Academy)
- Sports Championship Award (Mitra Academy),
- Winner - Throwball at Infiny'24.
- Junior National level Gold at Karate (under category Kata)
- Lead designer for clothing brands, clubs - **OFFTHESHELF** ([link](#)) , **KONCH** ([link](#)) ([website](#)), **AVIONS** ([link](#))

## Certifications

- Data analysis course by Externs
- AWS Educate Getting Started with Serverless - [link](#)
- AWS Educate Getting Started with Compute - [link](#)