# Darshan S

**♥** India

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darshan-ui.vercel.app

### **WORK EXPERIENCE**

#### ROOMAN TECHNOLOGIES.

Bengaluru, Karnataka

December 2024-May2025

**Cloud Computing Trainee** 

Training in cloud computing, focusing on AWS, Azure, and Google Cloud.

- Learning to design and deploy scalable, cloud-native applications.
- Gaining experience with Kubernetes, Docker, CI/CD pipelines, and cloud security.
- Exploring strategies for cost optimization, high availability, and disaster recovery.
- Strengthening DevOps skills and staying updated on emerging cloud technologies.

**IWAY TRANINGS.** Bengaluru, Karnataka June(2025)-Present

**Full Stack Developer** 

- Worked on full-stack web development, building and deploying responsive applications.
- Gained hands-on experience with React, Node.js, MongoDB, and API development.
- Assisted in debugging and optimizing existing code for better performance.
- Collaborated with a team in an agile environment, meeting project deadlines.
- Improved problem-solving, teamwork, and time management skills.

## SDM Institute of Technology

Artificial Intelligence and Data Science

Ujire, Karnataka

December 2021-2025

### **PROJECTS**

## Instagram Clone.

- Developed a full-stack social media application replicating core Instagram features.
- Implemented user authentication using JWT and secure password encryption.
- Built a responsive UI with Next.js for posts, reels, likes, and comments.
- Integrated MongoDB for scalable database and media storage.
- Deployment: Backend hosted on Render, frontend deployed on Vercel.
- Features: Image/Video uploads, follow system, real-time likes/comments, and explore feed.

#### **Accident Prediction.**

- Built a real-time accident detection system using live video/image input.
- Implemented a deep learning model (TensorFlow/Keras) for accident vs. non-accident classification.
- Used OpenCV for image preprocessing and frame extraction.
- Developed a mobile-first frontend for easy accessibility.
- Features: Real-time detection, alert notifications, and prediction dashboard.
- Deployment: Backend hosted on Render, frontend deployed on Vercel.

#### SKILLS

- Languages: HTML, CSS, Python, JavaScript, Java.
- Frontend: React, Next.js.
- Backend: Node.js, Express.js.
- Data Science: Pandas, NumPy, Matplotlib.
- Machine Learning: TensorFlow, Kerras.
- Database: MySQL, MangoDB.
- Tools and Version Control: VsCode, Git, Github, JupyterNotebook, Vercel, Render.