

Divya Dharshini K

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Chennai, India

EXPERIENCE

Project Xpress

Feb 2026 – Present

Business Development Intern

Chennai, India

- Worked on real-world software and AI-driven projects in a fast-paced startup environment.
- Developed and implemented application features, improving functionality and user experience.
- Collaborated with cross-functional teams to streamline development workflows and delivery timelines.
- Contributed to project management and web development tasks, enhancing system efficiency.

GirlScript Summer of Code

May 2024

Open Source Contributor

India

- Contributed to open-source repositories by fixing issues and implementing new features.
- Used Git and GitHub for version control, collaboration, and pull request management.
- Improved code quality, documentation, and overall project maintainability.

PROJECTS

AI Carbon Footprint Calculator

- Built a full-stack TypeScript-based application to estimate CO₂ emissions from user lifestyle inputs.
- Implemented ML-inspired predictive logic and real-time simulation for dynamic environmental analysis.
- Designed scalable architecture ensuring efficient data processing and user interaction.

Pothole Detection System

- Developed a Flask-based AI system for real-time pothole detection using computer vision techniques.
- Applied deep learning models for frame-wise analysis and severity classification from video streams.
- Built an end-to-end processing pipeline with dashboard visualization for infrastructure monitoring.

AI Risk Governance Platform

- Designed and developed a Flask-based AI platform for real-time risk tracking and governance.
- Implemented automated risk scoring using intelligent models to support decision-making processes.
- Enabled process monitoring and data-driven insights for improved operational efficiency.

EDUCATION

SRM Institute of Science and Technology (SRMIST)

2023 – Present

B.Tech in Computer Science (AI & ML)

Chennai, India

CERTIFICATIONS

SAP Certified Generative AI Developer

Mar 2026

Credential ID: 151b3412-6691-423f-a838-2ca3d5262642

C Programming for Beginners – Master the C Language

Nov 2023

Credential ID: UC-67bb615f-d547-48e7-af53-9a49dc1d2f0c

SKILLS

- Languages:** Python, JavaScript, HTML/CSS, SQL (MySQL, PostgreSQL)
- Frameworks/Technologies:** MERN Stack (MongoDB, Express.js, React.js, Node.js), Flask, REST APIs, Git, GitHub
- AI/ML:** Machine Learning, Deep Learning, Generative AI, AI Application Development