

# GOURAV

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## OBJECTIVE

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Motivated and detail-oriented Software Engineer with a strong foundation in Artificial Intelligence and Machine Learning. Passionate about solving real-world problems through scalable solutions, leveraging AI/ML techniques, data structures and algorithms, and modern development technologies. Proficient in Python, React, Firebase, and ML frameworks such as TensorFlow and scikit-learn. Seeking opportunities to contribute technical and analytical skills in building impactful applications in the environmental, healthcare, and social good sectors.

## EDUCATION

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**Bachelor of Engineering in Computer Science (AI ML Specialization)** **2023 – 2027**

Visvesvaraya Technological University, Karnataka

GPA: **9.23 / 10**

**Pre-University Education** **2021**

Karnataka State Board

Grade: **95%**

## TECHNICAL SKILLS

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**Programming Languages:** Proficient in Python, Dart, and C++; working knowledge of C and Java.

**Web Development:** Experienced in HTML5, CSS3, JavaScript and Tailwind CSS for building responsive web interfaces.

**Backend Development:** Skilled in Django, Django REST Framework, and Firebase for API development, authentication, and cloud integration.

**Mobile Development:** experience with Flutter for cross-platform mobile applications.

**AI/ML:** Hands-on experience with TensorFlow, scikit-learn, NumPy, Pandas, and OpenCV for machine learning and computer vision tasks.

**Tools Platforms:** Comfortable with Git, GitHub, Postman, VS Code, and Linux.

**Soft Skills:** Strong in DSA, problem-solving, teamwork, and technical communication.

## PROJECTS

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**EcoConnect – AI-Powered Environmental Monitoring Platform** *(2024)*

Developed a full-stack web application to facilitate real-time environmental reporting and citizen engagement.

- Designed a responsive frontend using React.js and Tailwind CSS to ensure accessibility across devices.
- Built backend services using Node.js and Firebase for real-time database updates, authentication, and secure cloud storage.
- Integrated AI models to detect environmental anomalies and provide personalized suggestions.

## CERTIFICATIONS

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Artificial intelligence for everyone — DeepLearning.AI May 3, 2024

Deep Learning in ecological studies — Indian Institute of Remote Sensing (IIRS) Nov 27, 2024

Problem Solving (basic) — HackerRank Jul 27, 2024

Python Programming intermediate — IIIT Kota Mar 7, 2024