

Deekshith N

BE in CSE (Artificial Intelligence and Machine Learning)

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PROFESSIONAL EXPERIENCE

Social Summer of Code (SSoC) — GirlScript Summer of Code (GSSoC) — Open Source Connect India (OSCI) Remote

Frontend Web Developer, Python Developer, AI/ML Contributor Jun 2025 – Present

- Contributed to open-source projects like *Study-Sphere*, *Cluster*, and *EdgeCareer*, focusing on frontend development, Python scripting, and AI/ML model integration.
- Resolved 15+ issues and merged 10+ pull requests, enhancing project functionality, performance, and collaboration across diverse development teams.

EDUCATION

ATME College of Engineering, Mysore 2022 – 2026

Bachelor of Engineering in CSE (AI & ML), **CGPA: 8.94 (till 6th sem)**

Nisarga Independent PU College, Kollegala 2020 – 2022

PCMB, **84%**

Bird Memorial High School, Kollegal 2020

10th, **77.92%**

PROJECTS

Detection of Face-Swap Based Deepfake Videos

- Built a deep learning system using CNN and LSTM architectures to detect face-swap-based deepfake videos.
- Processed video datasets by extracting frames, cropping faces, applying preprocessing (CLAHE, Canny & Sobel, FFT), and integrating multi-feature CNN outputs through LSTM for real/fake classification.

Car Price Prediction

- Developed machine learning models (Random Forest, XGBoost, Linear Regression) to predict car prices based on historical data and vehicle attributes.
- Optimized hyperparameters and deployed a Flask-based web application for real-time price estimation.

Other Projects: Prompt Review and Enhancement System | Medicine Recommendation System | Audio-to-ISL Converter | Open-Source Contributions

TECHNICAL SKILLS

Programming & Technologies: Python, R, C, JavaScript, Langchain, MySQL, SQL, Git/GitHub, Google Cloud, Flask, AI/ML, Generative AI, Deep Learning, NLP

Tools & Concepts: Web App Development, MongoDB, Agentic AI, Power BI, Tableau

Soft Skills: Communication, Leadership, Presentation, Management

CERTIFICATIONS

- Getting Started with Python, Python and AI, Flask Python
- Python for Data Science (Infosys Springboard), Data Analysis with Pandas
- SQL (Infosys Springboard), AI Essentials, AI Beginner's Guide
- From Learner to Builder: AI Agent Architect
- Explore ML with TensorFlow, ML Python Case Study, Supervised Machine Learning Course
- LLM Basics, Building LLM Applications with Prompt Engineering

ADDITIONAL INFORMATION

Hackathons: Special Prize at Hack Fusion 1.0, Semi-final at SAP Hackfest 2025; participated in Symbiot (VVCE), Tech Tonic (DSATM), Hacksprint (PES), and more.

Competitions: Active on HackerRank, LeetCode, GeeksforGeeks and more

Languages: English (Professional), Kannada (Native), Hindi (Limited).

Interests: Open-Source Software, Agriculture, Cricket, Teaching, Driving, Fitness.