

KARTIK AURSANG

SOFTWARE DEVELOPER

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Objective

As a Software Engineer, I aim to leverage my skills in Artificial Intelligence, Data Science, and Software Development to contribute effectively in a professional setting, applying theoretical knowledge to solve real-world problems while gaining practical experience and enhancing my expertise.

Internships

Full-Stack Developer

06/2023 - 06/2024

SkillLected, Pune

Skills: Full-Stack Development

Trainee

10/2023 – 03/2024

Zensar Technologies ESD Program,Pune.

Skills: Python,Java,PL/SQL

PERSONAL PROJECTS

Smart Traffic Control System

Led the development of a system to optimize traffic flow and reduce congestion using real-time vehicle detection with YOLO, Python, and Pygame.

Sentiment Analysis Android Application

Developed an Android app for analyzing user reviews and feedback using machine learning, built in Android Studio with Kotlin.

Novel Framework for Real-Time Object Detection with Audio Output Leveraging YOLO and CNN

Developed a novel framework for real-time object detection that provides audio output, using YOLO for object detection and CNN for enhanced feature extraction. The system improves accessibility by offering real-time auditory feedback based on detected objects.

Achievements

- Published a Research paper on Novel Framework for Real-Time Object Detection with Audio Output Leveraging Yolo And CNN.
- Finalists in "Innohacks 3.0" Hackathon organised at KIET Institutes,Ghaziabad,Up.
- Finalists in "Karnataka Police Hackathon" organised at Karnataka State Police at Bengaluru

Certifications

- NPTEL-Programming in Java Feb 2023
- NPTEL-Data Base Management System. Sep 2023
- NPTEL-Deep Learning Apr 2024
- AWS- AWS Academy Cloud Foundations. May 2024

Education

DBATU University, B-Tech **2025**

AI&DS | CGPA: 8.5

N K ORCHID COLLEGE OF ENGINEERING , SOLAPUR

MSBTE, Diploma **2022**

Information Technology | Percentage: 88.25%

GOVERNMENT POLYTECHNIC , SOLAPUR

MSBSHSE, SSC **2019**

Percentage: 85%

VALENTINE CIRCLE ENGLISH MEDIUM SCHOOL ,SOLAPUR

Skills & abilities

Technical Skills:

- Programming Languages: Html,CSS ,Javascript ,Java,Python , R.
- Database: MYSQL,MongoDB.
- Machine Learning: Supervised and unsupervised learning techniques, deep learning frameworks (TensorFlow, PyTorch).
- Mobile Application Development: Andriod Studio,Kotlin.

Soft Skills:

- Problem-Solving | Time Management | Leadership. | Organization

Declaration

Place: Solapur

Name: Kartik Aursang
