

Suraj Kumar Yadav

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EDUCATION

KIIT Deemed University Bachelor of Technology in Computer Science and Engineering (CGPA: 8.26)	Bhubaneswar, 2021 - 2025
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SKILLS

Programming Languages: C, C++, Java, Python, JavaScript
Web Technologies: ReactJS, Express.js, NodeJS, HTML, CSS
Database Management: SQL, MongoDB
Machine Learning: TensorFlow, Scikit-Learn, CV2
Software Development: Web Development, Data Structures and Algorithms
Soft Skills: Effective Communication, Team Collaboration, Leadership, Adaptability

INTERNSHIPS

Salesforce Development <i>SmartInternz</i>	(05/2024 – 06/2024) (Virtual Internship)
<ul style="list-style-type: none">Completed an intensive 8-week Salesforce Developer Virtual Internship program, gaining hands-on experience with Salesforce technologies and best practices.Learned key Salesforce concepts including Organizational Setup, Relationship & Process Automation and Apex programming.	
ORM <i>VleBazaar.in</i>	(06/2023 – 07/2023) (Remote Internship)
<ul style="list-style-type: none">Collaborated with the Online Reputation Management (ORM) team to enhance and maintain the digital presence of VleBazaar.Acquired expertise in ORM strategies, fostered teamwork and contribution to content creation through insightful reviews, engaging articles and regular blogging activities.	

PROJECTS

MeDict	Preview	GitHub	(04/2024)
<ul style="list-style-type: none">Developed and implemented MeDiCT, a medical diagnosis application utilizing computer vision to diagnose lung cancer, kidney cancer, and brain tumors from medical images.Engineered a user-friendly web interface powered by Streamlit, enabling seamless image upload, cancer type selection, and display of diagnostic results.Utilized pre-trained deep learning models including VGG16 architecture for accurate predictions and classifications.Tech Stack: Python, TensorFlow, Streamlit, VGG16.(https://github.com/TheSuraj01/MeDict)			
PedestrianFlow			(03/2024)
<ul style="list-style-type: none">Constructed an IoT-based traffic control system utilizing Arduino and OpenCV for real-time pedestrian detection.Applied machine learning algorithms to optimize pedestrian counting and dynamically adjust signal timing.Formulated a scalable smart city solution by integrating computer vision with hardware interfaces, enhancing urban infrastructure efficiency.Tech Stack: Python, Arduino, CV2, Sensors.			
SSV	Preview	GitHub	(11/2023)
<ul style="list-style-type: none">Built the 'Sorting and Searching Visualizer,' an innovative web application that demonstrates complex algorithms through interactive visualizations and time complexity derivation.Designed the project using React, optimizing for scalability and performance with its component-based architecture.Created core functionalities in JavaScript, enabling real-time user interactions and streamlining the learning experience for algorithmic concepts.Tech Stack: React, JavaScript, HTML, CSS.(https://github.com/TheSuraj01/Sorting-and-Searching-Visualizer)			

CERTIFICATIONS

- Completed AWS Academy Graduate - AWS Academy Introduction to Cloud
- Completed the Cognite Game v4.5 course