

Kruthik Gowda H R

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<https://github.com/KruthikHR/kruthikgowda-portfolio.git> Berlin, Germany

EDUCATION

MASTER OF SCIENCE IN COMPUTER SCIENCE	04/2024 - Present
IU International University of Applied Sciences	
BACHELOR'S IN COMPUTER SCIENCE AND ENGINEERING	07/2019 - 06/2023
Maharaja Institute of Technology	

EXPERIENCE

STUDENT INTERN-FULL STACK DEVELOPER	Bangalore, India
TechCiti Technologie	08/2022 - 09/2022
<ul style="list-style-type: none">Contributed to front-end development using HTML, CSS, and JavaScript to enhance UI.Assisted in back-end development using Java.Conducted application testing to ensure functionality and resolved bugs under mentor supervision.	
STUDENT INTERN-ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	Bangalore, India
edufabrica	08/2021 - 10/2021
<ul style="list-style-type: none">Completed a project titled "Prediction of House Prices" utilizing Artificial Intelligence and Machine Learning techniques.Gained hands-on experience in AI-driven predictive modeling and software tools while adhering to project requirements.Demonstrated strong analytical skills, teamwork, and technical proficiency in delivering the project successfully.	

PROJECTS

Squid Game and Music Synchronization	09/2022 - 05/2023
Mysuru,India	
<ul style="list-style-type: none">Developed a real-time game inspired by "Red Light, Green Light" using computer vision and AI.Used MediaPipe and TensorFlow for pose estimation and synchronized movements with music cues.Delivered a cost-effective gaming solution without the need for expensive hardware.Highlighted potential applications in AR gaming, fitness tracking, and gesture recognition.	
Rural Development Management System	11/2021 - 02/2022
Mysuru,India	
<ul style="list-style-type: none">Developed an online system to streamline rural development complaints and management.Enabled villagers to report issues like infrastructure problems conveniently online.Allowed officers to track, manage, and resolve complaints efficiently, improving transparency.Reduced processing time and enhanced data security for better system reliability.Proposed future enhancements include customer feedback, live chat, and improved registration features.	
VTU COMPANION APP	02/2021 - 08/2021
Mysuru,India	
<ul style="list-style-type: none">Developed the "VTU Companion App" to provide students with academic resources and results in a fast, user-friendly manner.Key features include SGPA/CGPA calculation, access to study materials, and result viewing.Solved the issue of slow web pages during peak result times with optimized performance and security.Proposed future improvements include enhanced digitalization and advanced security for data privacy.	

SKILLS

• PYTHON, • C, • WEB TECHNOLOGIES, • SQL, • POWER BI

CERTIFICATION

Squid Game and Music Synchronization	Artificial Intelligence and Machine Learning
International Research Journal of Engineering and Technology (IRJET) 4th April 2023	Edufabrica and Alma Fiesta IIT Bhubaneswar September 2021

KEY ACHIEVEMENTS

UI Enhancement Success	House Price Prediction
Enhanced UI for project with 20% increased user satisfaction.	Predicted house prices with 85% accuracy using AI tools.
Efficiency Improvement	Companion App Optimization
Reduced complaint processing time by 30% in rural management.	Optimized app performance to handle 50% more users.