

# Kruthik Gowda H R

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

## EDUCATION

### MASTER OF SCIENCE IN COMPUTER SCIENCE

IU International University of Applied Sciences

04/2024 - Present

### BACHELOR'S IN COMPUTER SCIENCE AND ENGINEERING

Maharaja Institute of Technology

07/2019 - 06/2023

## EXPERIENCE

### STUDENT INTERN-FULL STACK DEVELOPER

TechCiti Technologie

Bangalore, India

08/2022 - 09/2022

- 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

edufabrica

Bangalore, India

08/2021 - 10/2021

- 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

- 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

- 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

- 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

International Research Journal of Engineering and Technology (IRJET) 4th April 2023

### Artificial Intelligence and Machine Learning

Edufabrica and Alma Fiesta IIT Bhubaneswar September 2021

## KEY ACHIEVEMENTS

### UI Enhancement Success

Enhanced UI for project with 20% increased user satisfaction.

### House Price Prediction

Predicted house prices with 85% accuracy using AI tools.

### Efficiency Improvement

Reduced complaint processing time by 30% in rural management.

### Companion App Optimization

Optimized app performance to handle 50% more users.