

# ARJUN N

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## Skills

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- **Languages-** C | C++ | Python | SQL(MySQL, MongoDB) | HTML | CSS
  - **Concepts-** Generative AI | MachineLearning | DeepLearning | Computer Networks | Data Structures
  - **Tools-** Docker | VS code | Remix IDE

## Certifications

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- **CISCO** - CCNAV7: Introduction to Networks, Introduction to Cyber Security.
  - **INFOSYS SPRINGBOARD** - Generative AI, Prompt Engineering.
  - **Hackerrank** - SQL (Basic), SQL (intermediate).
  - **TCS iON** - Accounting Fundamentals.

## Projects

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- **Rental Management System using Blockchain** (*Solidity, Ethereum, Remix IDE*)  
Developed a **decentralized smart contract-based rental system** to ensure **secure and transparent** transactions, handling **lease agreements, rent payments, and landlord verification** without a dedicated platform or database.
  - **Water Body Detection in Tumkur Region Using Deep Learning** (*Python, TensorFlow, CNN*)  
Implemented a **CNN model** for **real-time or near real-time detection** of water bodies from satellite images, leveraging **remote sensing** for **environmental analysis** and resource management.
  - **Personalized Cooking Assistant** (*Llama 2, NLP, Python*)  
Built an AI chatbot that provides **personalized recipe recommendations**, using **NLP** to **analyze user preferences** and dietary needs.
  - **Real-Time Traffic Sign Detection** (*YOLO v5, Computer Vision, Python*)  
Designed a **real-time object detection** model using **YOLO v5** to **identify and classify 61 traffic signs**, improving road safety.

## Achievements

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- **Represented India in International Taekwondo Championships** (*3 events, 4 medals: 1 Gold, 1 Silver, 2 Bronze*)
  - **Represented Karnataka in Nationals for 8 consecutive years** (*1 Silver Medal*)
  - **All India Inter-University Taekwondo Championships** (*2022-23 & 2023-24*)

## Education

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- **BTech in Computer Science & Engineering @ Siddaganga Institute of Technology** (*2021-2025*)  
CGPA: 7.11
  - **Pre-University (PUC) @ Vidyaniketan PU College (BASE)** (*2019-2021*)  
Percentage: 82.5%
  - **Schooling @ Prudence International School** (*2013-2019*)  
Percentage: 92%