KASINATH T U

PROFILE SUMMARY

Highly motivated B. Tech student with strong foundation in Programming, AI, and Machine Learning. Experienced in developing innovative projects under various firms. Proficient in web development tools and possess a passion for leveraging technology to solve real-world challenges.

EDUCATION

B. Tech in Electronics and Biomedical Engineering
Govt. Model Engineering College, Kochi (KTU) | Aggregate: 6.16 | Expected Graduation: 2025
Class XII
Chinmaya Vidyalaya, Vaduthala, Kochi (CBSE) | Aggregate: 89.6% | Year: 2021
Class X
Talent Public School, Njarakkal, Kochi (CBSE) | Aggregate: 90.2% | Year: 2019

TECHNICAL SKILLS

Programming Languages: Python, C, C++
Web Development: HTML, CSS, MySQL
Other Tools: Visual Studio Code, Spyder, Android Studio
Domains: Machine Learning, Artificial Intelligence, IoT, Embedded Systems, Cloud Computing
Operating Systems: Windows, Chrome OS Flex, macOS

PROFESSIONAL EXPERIENCE

1. Project Assistant

SFO Technologies Private Limited, Kakkanad, Kochi | Duration: 3 Weeks
- Developed an **IoT Dashboard** for visualizing and analyzing physical and chemical tests on electronic equipment manufactured in the same company factory.

2. Intern

Inntot Technologies Private Limited, Infopark Phase 2, Kochi | Duration: 3 Weeks
- Created an **AI-powered Driver Drowsiness Detection System integrated with a web interface program** using the concepts of Convolutional Neural Networks, Machine learning Libraries and Web development tools like HTML and CSS.

PROJECTS

Knee Sound Detection and Analysis for Osteoarthritis Identification
- Developed a **Non-invasive device** for detecting knee sounds and analyzing **Knee Osteoarthritis** stages.
- Utilized Fast Fourier Transform (FFT) and Python programming for signal processing.
- Team Size: 4 | Tools Used: Visual Studio Code

CERTIFICATIONS

- **Web Development Course:** HTML, CSS, MySQL, JavaScript, React (Internshala)
- **Android App Development Workshop:** Android Studio (NIT, Calicut)
- **AI Tools and ChatGPT Workshop:** be10x