Kirana T

Mobile: +91-9353460531 | Email: Kanna18945nay@gmail.com

Objective:

MCA postgraduate with experience in mobile and web application development, database management, and basic machine learning concepts. Seeking a challenging entry-level position in software development to utilize my skills and grow professionally in a dynamic organization.

Key Skills:

- Problem Solving & Analytical Thinking
- Technical Skills:
- Programming Languages: **Python, Java, C**
- Mobile App Development: **Flutter, Dart**
- Web Technologies: **HTML, CSS, JavaScript, PHP**
- Databases: **MySQL, SQLite**
- AI & ML

Education:

- Master of Computer Applications (MCA) – *Pursuing*   JSS Academy of Technical Education, Bengaluru
- Bachelor of Computer Applications (BCA)
  S.R.N.M.N College, Shivamoga – *August 2024*
- Pre-University Course (PUC)
  Government PU College, Anaveri, Bhadravathi, Shivamoga – *July 2021*
- Secondary School Leaving Certificate (SSLC)

  Government High School, Anaveri, Bhadravathi, Shivamoga – *April 2018*

Academic Project:

Title: AI-Powered Pest Detection and Early Warning System for Smart Agriculture

Description: Developed a Flutter-based mobile application using TensorFlow Lite to detect crop pests from images. The system uses a CNN model to identify pests, display confidence scores, damage details, and recommended solutions, with offline support for rural farmers.

Technologies Used: Flutter, Dart, Python, TensorFlow Lite, CNN, Image Processing, SQLite

Title: Advanced Malware Detection System Using Machine Learning

Description:

Developed an intelligent malware detection system using machine learning and deep learning techniques to identify malicious PE files and URLs. Implemented Random Forest and LSTM models with feature extraction and VirusTotal API integration for accurate and realtime threat detection.

Technologies Used:

Python, Machine Learning, Deep Learning (LSTM), Random Forest, Scikit-learn, VirusTotal API

Area of Interest:

Mobile Application Development
Artificial Intelligence & Computer Vision
Software development
Web development

Internship:

Ekatha Innovation Pvt. Ltd. — *Intern* (June 2024 – July 2024)