

AKHILESH RAM K S

B.TECH INFORMATION TECHNOLOGY (HONORS), ANNA UNIVERSITY

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PROFESSIONAL SUMMARY

Innovative and ambitious Final year student deeply passionate about solving complex problems, with a solid foundation in Programming and Computer Science. Eager to bring a blend of technical prowess and creative thinking to a forward-thinking organization, driving both personal growth and organizational excellence through collaboration and innovation.

Education

Madras Institute of Technology, Anna University **2021 - Current**
B.Tech Information Technology **CGPA : 8.99**

Indian Institute of Technology Madras **2021 - Current**
B.S in Data Science and Applications **CGPA : 9.1**

Higher Secondary Education (CBSE Board) **2019 - 2021**
Arya Central School Trivandrum, Kerala **Percentage : 97.6%**

Areas of Interest

- Database Management Systems
- Data Structures and Algorithms
- Operating Systems
- Object Oriented Programming
- Probability and Statistics
- Machine Learning
- Neural Networks
- Artificial Intelligence
- Data Science

Experience

Vegrow, India **June - July 2024**
Intern - FullStack Development

- Collaborated as a Software Development Engineer intern at Vegrow, India's prominent B2B fruits marketplace, enhancing product functionalities by optimizing produce grading and refining matching processes with demand channels. Engaged in cross-functional teamwork to improve operational efficiencies and customer satisfaction.

Pentafox **July 2023**
Intern - Platform Engineering

- Gained a comprehensive understanding of essential concepts and practical skills on Amazon Web Services.

Projects

Legal Search Engine | NLP, Python, Flask, HTML CSS **March 2024**

- Developed and deployed a specialized legal document search engine, enhancing accessibility to legal information in India
- Implemented advanced Natural Language Processing (NLP) techniques and a Vector Space Model-based Information Retrieval System for efficient document indexing and retrieval.

Online Library Portal | Ruby on Rails, Golang, ReactJs, MySQL, MongoDB **June 2024**

- Developed an Online Library Portal using React.js for frontend functionality and Ruby on Rails (ROR) for user authentication, along with GoLang for efficient book management and borrowing systems. Integrated role-based access control and utilized MySQL and MongoDB for comprehensive data management and logging.

Student Club Management System | MySQL, PHP, HTML, CSS **October 2022**

- Developed a Club Management System for my college to ease student registration process and event organisation.
- Helps Student to Register, Access Information about the On-going Events of the Club.

Attendance Management System | HTML, PHP, JavaScript, MariaDB **February 2022**

- Developed a Web Application to mark & track Attendance of Students using MySQL, PHP, HTML for the Application Development Course. Enables Staff members to Add, Track and Manage Records of Student's Attendance.

Sentiment Analysis on Social Media Platforms | Flask, Python **May 2023**

- A real-time interactive web app based Sentiment Analysis model that utilizes NLP to determine the sentiment or emotional tone of user-generated comments.
- Implemented Python libraries to pre-process data, tokenize data and utilized TF-IDF technique to convert textual data into numerical representations.

Technical Skills

Languages: Python, C, C++, Java, Shell Scripting, Ruby on Rails, Golang, SQL

Web Development: HTML, ReactJS, CSS, PHP, JavaScript

Database: MySQL, MongoDB, PostgreSQL