PRAGADHEESH R A

☎ +91 9360219797   ✉ pragadheesharumugam@gmail.com
126003197@sastra.ac.in

💻 www.linkedin.com/in/pragadheesh-r-a
github.com/Pragadheesh-RA

PROFILE INFO

A passionate and dedicated Computer Science and Engineering undergraduate with a solid foundation in programming languages, algorithms, and software development. Proficient in Java, Python, and C++, with hands-on experience in using various development tools and frameworks. Particularly interested in web development as a Full Stack Developer, with a keen eye for detail and a drive to build scalable, efficient, and user-friendly applications. Looking for an opportunity to show my knowledge and skills through the real world technologies.

EDUCATION

B.Tech., in Computer Science and Engineering   **SEP 2022 - 2026**
SASTRA Deemed University,   6th semester CGPA - 8.1241
Thanjavur, Tamilnadu, India

Higher Secondary Foundation in Science and Mathematics   **APR 2019 - APR 2021**
Thamarai International School,   Percentage - 95%
Thanjavur, Tamilnadu, India

Pre High School Foundation   **JUL 2007 - APR 2019**
Nav Bharat Matric Hr. Sec. School,   Percentage - 91.6%
Thanjavur, Tamilnadu, India

PROJECTS COMPLETED

MOVIE VAULT: JAVA-DRIVEN BOOKSTORE MANAGEMENT SYSTEM
Developed with Java GUI and MySQL, using sophisticated tabulation for enhanced visuals, this system streamlines movie details store operations with efficient movie list searching and management features.It offers a user-friendly interface for smooth data handling and intuitive navigation.

Mal-Sim : MALWARE DETECTION SYSTEM - MACHINE LEARNING
Developed a lightweight, high-accuracy malware detection system using the CIC-MalMem-2022 dataset (58,596 samples). Achieved over 99% accuracy for 11 out of 15 malware subtypes using subtype-specific Random Forest models trained on top 5 features. Integrated SHAP for interpretability, enabling clear insights into model decisions. Optimized for speed and memory size, ensuring fast and scalable deployment.

Knotify – INTERACTIVE WEDDING INVITATION WEB APP
Developed a full-stack, interactive wedding invitation website using React for the frontend, Node.js with Express for the backend, and Tailwind CSS for styling. The platform allows couples to personalize their invite for there marriage with manage RSVP responses, and share event details such as venue, schedule, and gift registry with guests.
🔗 **https://rafinity-knotify.netlify.app/**

CERTIFICATIONS

Full Stack Web-Development   Dec 2024
Udemy

Electronic Arts Software Engineering virtual experience program   Dec 2024
Forage

Walmart USA Advanced Software Engineering Virtual Experience Program   Dec 2024
Forage

SKILLS

- Java Programming
- Python Programming
- C/C++ Programming
- Data Structures Algorithms
- Script Programming
- SQL, JDBC
- HTML, CSS
- GitHub
- Object Oriented Programming
- JavaScript
- React JS
- Node JS
- Express JS
- Front-End development
- Problem - Solving
- Flutter-Dart
- AIML

LANGUAGES

- English
- Tamil