RAAJALAKSHUMI K

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EDUCATION

Masters of Science in Information Technology and Management with Specialization in Software Development at Illinois Institute of Technology, Chicago, IL-60616

Current GPA - 4.00/4.00   (Aug 2022 - Present)

Bachelor of Technology Information Technology at SSN College of Engineering**,** affiliated to Anna University, Chennai, TN- 603110

CGPA - 8.48/10   (July 2018 - June 2022)

SKILLS

- **Technical Skills**- C, C++, Python, Java, Java FX, Java Script, Angular JS, Node JS, React Js, SQL, IoT, Machine learning Markup Languages – HTML5, CSS.
- **Organizational skills** – Effective at Time management and prioritizing to achieve deadlines.
- **Interpersonal skills** -Team player and Communication skills(During school and undergrad, won in debates and placed valid arguments).

PROJECTS

- **Traffic control System for Ambulance using IOT** –   Aug 2019
  focused on providing solutions to the problem where there is a delay in ambulance arrival due to traffic signals by using Radio Waves, RF Transmitters and Receivers, and Arduino UNO. Internally funded project(IFP) by the college.
- **Web page** –   Sep 2022
  Developed a weather website with an online API using HTML, CSS, and JavaScript and pushed the code to GitHub. Compatible with all screens. *https://raaji01.github.io/ITMD541/New_weather.html*
- **Heart disease prediction using Ensemble Machine learning model** –   Jan 2021
  Classification problem, a dataset with 3lakh instances used a Full stack ensemble ML model got an accuracy of 98%. *https://github.com/raaji01/FinalYearProject*
- **Online Movie ticket booking system App -** Frontend- JavaFX, Scenebuilder, and Backend- MySql.
  Three users- Customers, Admin, and Manager logins. *https://github.com/raaji01/EmpireCinemas*   Nov 2022

INTERNSHIP

Internship, Kamalam InfoTech Private Limited, Madurai   Jan 2021
    • Trained as an Application Developer.

CERTIFICATES

- Python Data Structures from University of Michigan (Coursera) Qualified score 94%   July, 2020
- The Essential Web Developer Knowledge Course from Udemy   June 2020
- Coding of Microcontroller with at Mega 328P Controller held by SSN College   July 2019
- Certified secured computer userV2 (CSCU) EC Council   March 2020
- **Internet of Things(IoT),** Indian Institute of Technology Kharagpur (NPTEL)   Oct 2021
- Hackerrank Certificate completed Python Assessment   June 2021
- **Programming in Java,** Indian Institute of Technology Kharagpur (NPTEL)   Dec 2021

VOLUNTEERING EXPERIENCE

- Organized cryptography quiz (named Enigma) in the Invente event conducted by my college.
- In my semester breaks, I tutored math and physics numericals for my neighbor kids, who were in high school and middle school, and assisted them in preparing for their exams.
- During my final year in undergrad, I assisted my professor in grading the first-year class assignments and midterms and reporting any plagiarism for the Python programming course.