

Karthikeyan N

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EDUCATION

AVS College of Arts & Science, Salem

Bachelor of Computer Science

Cumulative Percentage: 81/100

Relevant Coursework: Web Development; Python; Core Java

Salem, TN

May 2024

Little Flower Matriculation Higher Secondary School

Percentage: 80/100

Salem, TN

April 2021

PROJECT EXPERIENCE

MOBILE APP DEVELOPMENT (Using various development methods)

Software Developer

Salem, TN

Jan 2024

- **Android Apps (Java/XML):** Built calculator & text-to-speech apps using Android Studio, showcasing UI development and API integration skills (TextToSpeech).
- **Step Counter App (MIT App Inventor):** Developed a step counter app using loops, lists, and dictionaries, demonstrating proficiency in data structures and basic programming concepts.
- **Travel Experience App:** Created a travel app connecting users with local guides, utilizing server-side storage and real-time data fetching via APIs, highlighting backend development and server communication skills.
- **Scratch (block-based coding):** Created basic apps (calculator, text-to-speech) to learn programming fundamentals.

PROGRAMMING LANGUAGES

PYTHON

TCDS Education Center

Salem, TN

March 2024 - April 2024

- Learned the basics of Python, including syntax, data structures, and control flow, enabling the understanding of OOPS concepts and enhancing overall programming proficiency.

CORE JAVA

TCDS Education Center

Salem, TN

Jan 2024 - Feb 2024

- Acquired foundational knowledge of Core Java, covering essential topics such as data types, control structures, exception handling, and object-oriented programming principles, enhancing the ability to develop robust and maintainable applications.

C, C++

TCDS Education Center

Salem, TN

Nov 2023 - Dec 2023

- Learned the basics of C and C++, including fundamental programming concepts, memory management, pointers, and object-oriented programming, enhancing problem-solving skills and the ability to write efficient, low-level code.

ACTIVITIES

LIGHTWEIGHT CRYPTOGRAPHY FOR A SECURE IOT LANDSCAPE

International Conference - Sona College of Arts & Science

Salem, TN

- Presented a paper titled "Lightweight Cryptography for a Secure IoT Landscape" at an international conference, showcasing innovative research on enhancing IoT security through efficient cryptographic techniques.

ADDITIONAL

Technical Skills: Python, C, C++, Java, HTML, Android Studio, Android Development, XML, Web Development(WordPress)

Languages: Conversational Proficiency in English; Fluent in Tamil

Certifications & Training: Programming Languages Certification in TCDS Center, Web Development in IPCS Global

Awards: Received awards for being the overall topper of the department in both the 3rd and 5th semesters, demonstrating consistent academic excellence and dedication.

Type Writing(April 2024 - August 2024): Attending an intensive six-month typewriting course, to significantly improve my typing speed and accuracy.