

SHREE KOTTES J

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Summary

An ambitious Software Systems individual seeking an internship, with a strong interest in solving complex technical problems and optimizing systems. Eager to apply theoretical knowledge in a practical, fast-paced environment.

Education

Coimbatore Institute of Technology

Master of Science in Software Systems

Oct, 2022 – Present

CGPA: 9.29/10 (*upto 4th sem*)

Sri Sowdeswari Vidyalaya Matriculation Higher Secondary School

High School

Jun, 2020 – May, 2022

10th grade: 87%, 12th grade: 92.67%

Projects

CHIPS, C++, SDL 2, CMake

[kottesh/chips](#)

- A CHIP-8 interpreter in C++ that is fully compliant with the original specification.
- Supports all the quirks of the original CHIP-8 platform to enable running older ROMs.
- Uses SDL2 for rendering, simulating the 64x32 pixel monochrome display of the original CHIP-8.

Payit, Java, Java Swing, OracleDB

[kottesh/payit](#)

- Developed a comprehensive payment system model simulation supporting UPI, NetBanking, and Credit/Debit transactions.
- Utilizes Java Swing to create a seamless user interface, simulating real-world payment scenarios.
- Transactions and user data are managed using Oracle DB.

COSMOX, Javascript, Ajax, HTML, CSS

[kottesh/cosmox](#)

- Developed a web application that provides comprehensive information about space vehicle launches, stars, astronomers and planets.
- Integrated NASA's Astronomy Picture of the Day (APOD) API to dynamically fetch and display daily space imagery and related data.

typetext, C, ncurses

[kottesh/typetext](#)

- Developed a Text User Interface (TUI) based application for typing practice and lessons.
 - Provides real-time performance feedback and custom lessons.
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Technical Skills

- **Programming Languages:** C/C++, Python, Java, Javascript(*Intermediate*).
 - **Frameworks:** Java Swing, Oracle DB, React, Zola.
 - **Developer Tools:** GNU/Linux, Git, Docker, Vim, CMake.
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Relevant Coursework

- Data Structures and Algorithms
 - Databases
 - Operating Systems
 - Object Oriented Programming
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Achievements & Certifications

- **Cybersecurity Fundamentals by IBM** [🔗](#)
- Participated in **Melinia 2024** and secured *1st place* in Bid Battle(A Technical Quiz based on bidding.)