Joel A

Student, DSCE

Enthusiastic final-year CSE student seeking Entry-Level IT position. Eager to apply Strong Programming, Problem-Solving, and Team Collaboration Skills in a Dynamic Tech Environment. Committed to Continuous Learning and Contributing to Innovative Projects.

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EDUCATION

BE, CSE
Dayananda Sagar College of Engineering, Bangalore
12/2021 - 06/2025   *CGPA: 8.97*

CBSE, Class 11, 12
Geetanjali Olympiad School, Bangalore
06/2018 - 04/2021   *Percentage: 91.20%*

ICSE, Class 10
St. Thomas Public School, Bangalore
06/2018 - 04/2019   *Percentage: 94.00%*

PERSONAL PROJECTS

Tic-Tac-Toe Game (Java)
- implementation of the classic Tic-Tac-Toe game, designed to be played in the terminal with enhanced text styling, offering a visually engaging experience.

Scientific Calculator (Java)
- a terminal based Scientific Calci including unary, binary and functional operators.

Password Managment System (Java)
- a user-friendly interface for users to interact with the password manager. Basic CRUD operations on the list of passwords.

Crypton (Python, Tkinter)
- an encryption-decryption desktop app, transferring encoded messages via Gmail and able to decode them back.

System of Linear Equations (Python, Math)
- implementations to solve systems of linear equations using various methods. These solutions are designed for computational efficiency and accuracy, providing practical ways to work with linear systems

Rayleigh-Power-Method (Python, Math)
- implementations of the Rayleigh Quotient Iteration and Power Method for finding the dominant eigenvalue and eigenvector of a matrix.

Contact Book (Python, Tkinter)
- a desktop app to store user credentials. Allows users to add, delete, update & to search contacts by names or mobile numbers.

Sentiment Analysis (Reactjs, Flask)
- To analyze the best selling product either in Amazon or Flipkart, by comparing reviews using Sentiment Analysis

Gen-Model-Paper (Python, Flask)
- a tool designed to generate model exam papers for educational institutions. This project aims to simplify the process of creating diverse and comprehensive exam papers based on predefined criteria and subjects.

SKILLS

Python   Java   C/C++   SQL/MySQL   Git/GitHub   DSA   Problem Solving   OOPs   HTML   CSS   JavaScript   NodeJS

CERTIFICATES

Programming using Java
Fundamentals of Java programming, Object Oriented Programming Build robust Java code.

DSA using Java
Data Structures like Stack, Queue, List etc. CRUD Operations. Commonly applied search algorithms and its usage. Algorithm analysis.

Introduction to Unix
Execute basic Unix commands for extracting and processing text from files. Automate routine jobs through shell scripts

Database and SQL
Understanding, Creating and Querying Relational Databases

ENIGMA 2K23
hackathon conducted by Jyothy Institute of Technology, to build a student-tutor web app

CodSoft Python Programming
Python GUI Developer internship at Codsoft

INTERESTS

Chess   Music   Songs