Shanmuga Rajeshwaran P

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Chennai, Tamilnadu - 600044, India

PROFESSIONAL SUMMARY

Motivated Computer Science Bachelor's graduate skilled in software development, database management, and technologies like Java, JDBC, Oracle, HTML, CSS, and Angular. Completed projects in bus ticket reservation and image steganography. Certified in Cloud Computing and Cybersecurity, eager to contribute to software engineering projects.

EDUCATION

- **Sri Sairam Institute Of Technology** *November 2020 - April 2024*
  Bachelor of Computer Science and Engineering Chennai, Tamilnadu
  ○ **CGPA: 8.08/10**

- **Mount Zion Matriculation Higher Secondary School** *2019-2020*
  HSC Pudukkottai, Tamilnadu
  ○ **Grade: 73%**

- **Mount Zion Matriculation Higher Secondary School** *2017-2018*
  SSLC Pudukkottai, Tamilnadu
  ○ **Grade: 91.2%**

PROJECTS

- **Bus Ticket Reservation using JDBC** *Tools: [Java, JDBC ,Oracle Database , Eclipse]*
  Domain: Database Management and Application Development November 2024
  ○ Developed a bus ticket reservation system to manage ticket booking and scheduling efficiently.
  ○ Implemented JDBC for seamless interaction between the application and the database, ensuring reliable data storage and retrieval.
  ○ Designed a user-friendly interface for smooth customer interaction and enhanced usability.
  ○ Optimized Oracle database queries to improve system performance and reduce response time.

- **Image Steganography using LSB Algorithm** *Tools: [Java,Java Swing]*
  Domain: Image Processing and Cyber Security September 2023
  ○ Developed a security tool using steganography techniques to hide sensitive data in media files.
  ○ Implemented the LSB algorithm for data encoding and decoding, ensuring effective concealment.
  ○ Designed an interface for secure and user-friendly data transfer.
  ○ Verified embedded-media integrity using image processing methods .

SKILLS

- **Programming Languages:** Java
  JavaScript , Typescript (Basics)

- **Web Technologies:** HTML,CSS,Angular

- **Database Systems:** Oracle

- **Specialized Area:** Data Structures & Algorithms

PATENTS AND PUBLICATIONS

[S.1] **Image Steganography Using LSB Algorithm**. Manuscript submitted for publication in *International Journal of Scientific Research and Engineering Trends,2024* .

CERTIFICATIONS

- **National Programme on Technology Enhanced Learning-NPTEL** *2023-2024*
  - Cloud Computing
  - Introduction to Internet of Things
  - Design & Implementation of Human - Computer Interfaces

- **Cisco Networking Academy** *June 2022*
  - Cyber security Essentials
  - Introduction to cyber security
  - Introduction to Packet Tracer
  - Cloud Security

- **SPOKEN TUTORIAL PROJECT - IIT BOMBAY** *November 2022*
  - HTML Training

- **Coursera** *February 2021*
  - Introduction to Python Programming
  - Basics of UI & UX

ADDITIONAL INFORMATION

Languages:

- English (Proficient)
- Tamil (Fluent)

INTERESTS

- Solving leetcode problems
- Problem Solving
- Cyber security
- Web Designing

SOFT SKILLS

- Self-Motivated
- Adaptive
- Hard Worker
- Collaborative