

PARTHIPAN K

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OBJECTIVE

To leverage my foundational knowledge in computer science and engineering to contribute effectively to innovative software development projects, while continuously expanding my skill set in a collaborative and dynamic environment.

EDUCATION

B. Tech Computer Science and Engineering - in progress

Manakula Vinayagar Institute of Technology

2021 – 2025

CGPA 8.2/10 (Until 7th Semester)

HSC

Don Bosco Matriculation Higher Secondary School

2020 – 2021

Percentage – 88.71%

SSLC

Don Bosco Matriculation Higher Secondary School

2018 – 2019

Percentage – 88.2%

PROJECTS

Song Recommendations Using Facial Expressions

- Python - Haar Cascades algorithm | GUI – Tkinter | HTML5 | CSS3
- Developed a real-time song recommendation system using Python, leveraging Haar Cascade for facial detection and a pre-trained model for emotion recognition.

File Encryption Tool

- Java – AES Encryption Algorithms | File Handling | Command Line Interface
- Developed a simple Java-based file encryption and decryption tool using AES (Advanced Encryption Standard). This tool allows users to securely encrypt and decrypt various types of files using a password-based encryption key, ensuring confidentiality and security of sensitive data.

INTERSHIPS

ShadowFox

- Completed a 1-month virtual internship at ShadowFox focusing on Java development (September 2024).
- Completed multiple tasks, including a real-time chat application, calculator, contact manager, covering socket programming, OOP.

CodSoft

- Completed a 4-week virtual internship in Java Programming at CodSoft (August - September 2024).
- Completed tasks during CodSoft internship, including Number Guessing Game, Student Grade Calculator, and ATM Interface, showcasing Java programming skills in game development, calculations, and system simulations.

SKILLS

- **Programming Languages:** Java, Python, C, C++
- **Web Development:** HTML5, CSS3
- **Database:** MySQL

- **Operating Systems:** Windows, Linux
- Computer Networking

AREA OF INTEREST

- Java
- Cyber Security

SOFT SKILLS

- Leadership
- Time Management
- Adaptability
- Problem Solving

CERTIFICATIONS

- Java – Great Learning
- C – Cisco Networking Academy
- Python – Certiport - Information Technology Specialist