TAMILARASI S

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EDUCATION

VI INSTITUTE OF TECHNOLOGY
COMPUTER SCIENCE ENGINEERING
2019 - 2023 | ANNA UNIVERSITY
CGPA: 8.42 / 10

GOVT.HR.SEC.SCHOOL
XII TH STANDARD (CS)
May 2019 | STATE BOARD
Percentage : 58%

GOVT.HR.SEC.SCHOOL
X TH STANDARD
May 2017| STATE BOARD
Percentage : 71%

LINKS

Github:// **tamilarasi-smvcoder**
LinkedIn:// **tamilarasis12**
YouTube:// **@smvtutorials7867**

COURSEWORK

SELFSTUDY
Open Source Software Engineering

UNDERGRADUATE
Programming in C
Data Structure
Object Oriented Programming
Operating System
Software Engineering
Computer Networks

SKILLS

PROGRAMMING
Languages:
•Java
Web Technologies:
•HTML5 • CSS
Frameworks:
•Bootstrap
Version Control:
•Git • Github
Others:
•Familiar with collaborative development practices

TYPEWRITING
Tamil Typewriting: Senior Grade
• 45 WPM with 98% accuracy

EXPERIENCE

SELF-INITIATED PROJECTS

SMV CERTIFICATE MAKER
11-11-2023 to 18-11-2023
- Developed a scalable desktop application using Java with JavaFX to create Course Completion Certificates as PDF Format.
- Integrated PDF generation functionality for the seamless creation of certificates.
- Demonstrated strong problem-solving skills and attention to detail in a solo development environment.
  Skills: Java, JavaFx, PDF generation techniques.

INNOVATIVE TECHNOLOGY AND EDUCATION WEBSITE
21-8-2023 to 8-9-2023
- Designed and developed a dynamic website using HTML, CSS, React.js, and Node.js.
- Incorporated Three.js for creative and interactive 3D graphics on the web platform.
- Hosted the project on Netlify for seamless deployment and scalability.
- Utilized GitHub for version control, ensuring efficient collaboration and code management.
  Skills: HTML, Tailwind CSS, React.jS, Node.js, Email.js, Three.js

PROJECTS

ATTENDEES RECORDER WITH FACE SPOOF DETECTOR | MAJOR PROJECT
Jan 2023 – Mar 2023
- Engineered a Face Recognition Attendance System with Face Spoof Detection using Fourier spectrum and CNN models.
- Enhanced security with Silent Face Anti-Spoofing technology, differentiating real faces from potential fakes.
- Integrated Firebase for efficient storage of attendance records.
  Skills:Face Recognition, Anti-Spoofing,Deep Learning, CV, Firebase

A NOVEL METHOD FOR HANDWRITTEN DIGIT RECOGNITION SYSTEM | IBM NALAYATHIRAN PROJECT
- Leading the development of an AI-powered Handwriting Digit Recognition project using the MNIST dataset, aimed at seamlessly identifying diverse handwriting styles in real-time scenarios such as bank form filling.
  Skills:AI, Python, Image Processing, Github, CNN

IMAGE STEGANOGRAPHY USING LSB | MINI PROJECT IN 3 RD YEAR
- Developed a project utilizing Python programming language and the LSB Algorithm for discreet communication.
- Implemented the practice of concealing messages within images, demonstrating proficiency in data privacy and security.
- Showcased expertise in creating an innovative method for sending secret messages without drawing attention to the content.
  Skill:Steganography, Image Processing, LSB Algorithm, Python, Cryptography