Selvarathi

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LinkedIn | GitHub | LeetCode

Education

Shiv Nadar University, Chennai   Aug 2023 – May 2027

B.Tech in Artificial Intelligence and Data Science
CGPA: 8.8 / 10.0

Govt. Higher Secondary School, Veppalodai, Tuticorin   Jun 2021 – May 2023

Higher Secondary Education
Score: 94.67%

Projects

Airline Reservation System   GitHub Repository

- Designed a full-stack web application to manage flight bookings and ticketing.
- Applied DBMS concepts including schema design, query handling, and transactions.
- Tools Used: MySQL, Flask, HTML, CSS

Personal Notes App   GitHub Repository

- Built a web-based Notes App for creating, viewing, editing, and deleting personal notes.
- Implemented secure user authentication using Node.js and MySQL.
- Designed a dashboard with a notebook-style UI and modal-based note editing.
- Tools Used: Node.js, Express.js, MySQL, HTML, CSS, JavaScript

String Matching using Genetic Algorithm *(Mini Project)*   GitHub Repository

- Simulated genetic operations to evolve a string toward a target value.
- Created a web interface to display each generation's progress and fitness.
- Tools Used: Python, HTML, CSS, JavaScript

Technologies

Languages: Python, C, Java
OOP: Java
DSA: C++
Web Development: Flask, Node.js, Express.js
Databases: SQL, RDBMS
Data Science & ML: Machine Learning, NumPy, Pandas, Scikit-Learn, Matplotlib

Achievements and Certifications

SPURS Merit Scholarship
Awarded by Shiv Nadar University for outstanding academic excellence throughout the B.Tech program.

Smart India Hackathon (SIH) – Internal Round
Participated with a project titled "*Online Chatbot System for Museum Ticket Booking*", focusing on AI-driven ticket reservation.