

PRAKASH S

Chennai, India | +91 9345774187 | s.prakash25804@gmail.com

LinkedIn: [linkedin.com/in/prakash-s-ai](https://www.linkedin.com/in/prakash-s-ai) | GitHub: github.com/PRAKASH25804

Portfolio: <https://prakash-portfolio-xi.vercel.app>

ABOUT

Computer Science and Engineering (AI) undergraduate with hands-on experience in frontend web development and system design. Built a complete airline reservation system demonstrating end-to-end application flow, UI/UX design, and data handling using JavaScript and localStorage. Strong interest in software development, data structures, and artificial intelligence.

EDUCATION

SRM Institute of Science and Technology, Chennai

B.Tech – Computer Science and Engineering (Artificial Intelligence) | 2023 – Present

Sri Chaitanya Techno School, Chennai

Senior Secondary | 2021 – 2022

TECHNICAL SKILLS

- 1 Programming: C, C++, Python
- 2 Data Structures & Algorithms (Sorting, Searching, BFS)
- 3 Object-Oriented Programming
- 4 AI & Machine Learning Fundamentals
- 5 Version Control: Git, GitHub
- 6 Problem Solving & Logical Thinking

PROJECTS & PRACTICAL EXPERIENCE

1 Airline Reservation System (Frontend Web Application)

Developed a complete airline booking system using HTML, CSS, and JavaScript with localStorage as a mock database. Implemented features including authentication, flight search, seat selection, passenger management, payment simulation, and boarding pass generation with QR code. Designed an admin dashboard for bookings and revenue.

GitHub: <https://github.com/PRAKASH25804/airline-reservation-system>

- 2 Implemented and analyzed sorting algorithms (Bubble Sort, Insertion Sort) using C/C++.
- 3 Practiced BFS traversal and tree concepts such as AVL Trees and Heaps.
- 4 Completed cloud, data analytics, and operations-based case studies through virtual job simulations.
- 5 Maintaining active coding practice repositories on GitHub.

CERTIFICATIONS

- 1 MathWorks – MATLAB Fundamentals
- 2 NPTEL – Programming & Computer Science
- 3 Coursera – Data Science, AI & Programming
- 4 HP Foundation – AI for Beginners
- 5 AWS, Datacom, Siemens, Tata – Virtual Job Simulations (Forage)

LANGUAGES

Tamil (Native), English (Professional), Japanese (Beginner)