N SANDHIYA

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Chennai - 600040, Tamil Nadu, India.

CAREER OBJECTIVE

Enthusiastic IT graduate seeking a Software Developer role to apply technical and analytical skills in building efficient, user-focused solutions. Eager to learn emerging technologies and contribute to organizational growth.

EDUCATION

Institution	Degree / Class	Year of Passing	Score
Meenakshi Sundararajan Engineering College, Chennai	B.Tech in Information Technology	2025	CGPA: 8.58
Anna Adarsh Higher Secondary School, Chennai	HSC	2021	92%
Bharathi Matriculation Higher Secondary School, Chennai	SSLC	2019	88.88%

TECHNICAL SKILLS

Programming Languages	Java ,Python
Database	SQL
Web Technologies	HTML, CSS, JavaScript
Tools	Vs Code, GitHub

PROJECTS

- **Bus Reservation System** – Developed a Java application for bus ticket booking and seat allocation based on client input. Included modules for managing buses, routes, and bookings using JDBC and MySQL. Focused on clean OOP design and exception handling.

- **Signature Authentication Application for Secure Access** – The Signature Authentication Application verifies handwritten signatures using Python-OpenCV and image processing. It extracts unique features like curves and shapes, then compares them with stored templates in an SQL database. If the match is valid, access is granted; otherwise, it is rejected — ensuring secure and reliable authentication.

- **Knowledge Graph Enhancement using Graph Convolutional Networks (GCN) in Agriculture** – Enhanced a knowledge graph by connecting key agricultural nodes and integrating Neo4j for visualization to improve data relationships and insights.

- **Personal Portfolio Website using HTML,CSS & JavaScript**- Developed to showcase my skills. The site features a responsive design for accessibility across devices and includes a contact section integrated with Google Sheets to receive user messages.

INTERNSHIP

Codebind Technologies — 2023   *Web Development Internship*
Worked on creating and styling web pages using HTML, CSS and JavaScript. Gained experience in designing responsive layouts and improving user interface elements. This internship enhanced my understanding of web development practices.

Pantech E-Learning — 2024   *Java Programming Internship*
Practiced Java programming through coding exercises and mini-projects. Applied object-oriented concepts in simple applications during the training. This internship strengthened my programming logic and problem-solving skills.

AICL Learning Simplified — 2024   *Cybersecurity Internship*
Introduced to key concepts of cybersecurity and common web vulnerabilities. Learnt the use of Burp Suite for vulnerability assessment. This internship gave me an initial understanding of security practices.

COURSES AND CERTIFICATES

Besant Technologies	Completed Java Training
Teknoturf Info Services Pvt Ltd	Gained practical experience in Java programming and SQL Database.