



RENUKA SAKTHIVEL

BACHELOR IN COMPUTER SCIENCE AND ENGINEERING

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EDUCATION

INSTITUTION	DEGREE	CGPA / PERCENTAGE	BATCH
M.Kumarasamy College of Engineering (Karur)	B.E (CSE)	CGPA : 8.17 (Upto 4th Semester)	2023-2027
Government Higher Secondary School (Salem)	HSC	87%	2021-2023

INTERNSHIP

FULLSTACK DEVELOPER

July 2025

Developed responsive and dynamic web-based Account Management System, ensuring seamless user experience across devices. Built and optimized RESTful APIs with Node.js, improving data flow and system performance. Integrated and managed DynamoDB for efficient NoSQL data storage, enabling fast and scalable backend operations.

Technologies Used: React.js, Tailwind CSS, JavaScript, Node.js, NoSQL, IntelliJ.

PROJECTS

TOUR PACKAGE MANAGEMENT SYSTEM

2025

Designed and developed a web-based Tour Package Management System to streamline travel agency operations, including package browsing, itinerary details, customer registration, and online booking. Integrated dynamic tour listings with admin controls to manage packages, pricing, bookings, and user data efficiently via a responsive admin dashboard.

Technologies Used: HTML, CSS, JavaScript, PHP, MySQL, XAMPP

CRIME DETECTION IN CREDIT CARD FRAUD

2025

Developed a credit card fraud detection system using Java to analyse transaction data and identify suspicious patterns based on user behaviour and spending trends. Connected to MySQL database to manage and retrieve transactional data securely. Designed a user interface using Java Swing/JavaFX for data input, visualization, and fraud alerts.

Technologies Used: Java, JDBC, MySQL, Java Swing

E-MAIL NOTIFICATION SYSTEM

2024

Developed an email notification system in C that efficiently manages the scheduling, prioritization, and sending of emails using core data structures like Queues, Stacks, and Linked Lists. Implemented Queue for First-In-First-Out (FIFO) email delivery and Linked Lists to store and manage email logs and retry mechanisms for failed emails.

Technologies Used: C, Data Structures (Queues, Linked Lists, Stacks)

PASSWORD STRENGTH CHECKER

2024

Developed a password strength checker in Python to evaluate the strength of user passwords based on factors like length, special characters, upper/lowercase letters, and numerical digits. Implemented regular expressions (Regex) for pattern matching and to ensure that the password meets specific security criteria.

Technologies Used: Python, Regular Expressions (Regex)

CERTIFICATIONS

TOPICS	PLATFORM	DURATION	YEAR
Blockchain and its Application	NPTEL	3-Months	2025
Generative AI	Infosys Springboard	2-hours	2025
Frontend Development – HTML	Great Learning	3-hours	2024
Java Programming	Great Learning	4-hours	2024
UI/UX	Great Learning	2-hours	2024
Business Communication	Infosys Springboard	2-hours	2024
Business analysis and Process Management	Coursera	2-hours	2024

CO-CURRICULAR ACTIVITIES

TOPICS	EVENT	ORGANIZATION	YEAR
Virtus Codicis	Project-Expo	Sri Eshwar College of Engineering	2025
Cyber Security	Workshop	SNS College of Engineering	2024
Internet of Things	Workshop	Bannari Amman Institute of Technology	2023

SKILLS

PROGRAMMING LANGUAGES	WEB TECHNOLOGIES	DATABASE
Java (Intermediate)	HTML & CSS (Intermediate)	SQL (Basic)

DATE : 22.01.2026

PLACE : Karur

(RENUKA SAKTHIVEL)