

Jithu Morrison S

8754550999 | jithumorrison2210564@ssn.edu.in | [Jithu's Web](#)

[in](#) | [G](#) | [V](#) | [CodeForces](#) | [LeetCode](#) | [HackerRank](#) | [CodeChef](#)

Chengalpattu, Tamil Nadu - 600126, India

SUMMARY

Hey there! I'm Jithu Morrison S, a third-year Computer Science Engineering student and software developer driven by the passion to bring ideas to life. Whether it's crafting innovative apps with Flutter, building dynamic websites with React, HTML, CSS, and JavaScript, or creating immersive games with Unity, I'm here to make it happen. Proficient in Java, Python, C, C++, Dart, SQL, and more, I'm dedicated to turning your vision into digital magic through continuous learning and the practical application of my technical skills.

EDUCATION

- **Sri Sivasubramaniya Nadar College of Engineering** November 2022 - July 2026
B.E CSE
◦ CGPA: 8.43/10
Chengalpattu, India
- **Zion Matriculation Higher Secondary School**
Secondary Education
◦ Mark: 580/600
Chengalpattu, India

PROJECTS

- **IOT - based Virtual Reality comforting movement design for rehabilitation** Apr 2023 - Mar 2024
Tools: [Unity, C#, Sensors]
◦ Revolutionizing muscle healing! with a custom-made VR game featuring gamification, sensors, and rehab therapy.
◦ Sensors' feedback with remote monitoring supports healthcare tracking, promising major advancements in rehab.
- **Recipe App: [SpiceUp : An app for creative recipes with APIs and AI.]** Mar 2024
Tools: Flutter, Open AI Api, API, SQFLite, SQLite
◦ Unlock a world of culinary creativity with our API, OpenAI-powered app, offering top recipes and interactive UI.
- **Trauma Detection App: [TraumaAI: AI-driven app that predicts trauma levels.]** Mar 2024 - Apr 2024
Tools: Flutter, Open AI Api, ML, Scikit-learn, Flask, RestAPI
◦ Introducing the latest innovation: the Trauma Detection App. Built with Flutter and powered by OpenAI, this app utilizes advanced machine learning to predict trauma levels and provide personalized solutions.
- **Journal / Conf App (EduTrack): [Efficient journal management with advanced tools.]** Jun 2024, Jul 2024
Tools: Flutter, NetBeans, Oracle, MongoDB, Java Swing, Firebase
◦ This platform enhances journal & conference management with efficient data handling, using Oracle and NetBeans.
◦ Advanced Version: Created using Flutter with MongoDB, featuring an interactive UI for enhanced user experience.
- **SentimentIQ: [An Website for Sentiment Analysis of Social Media Presence]** Dec 2023
Tools: HTML, CSS, JS, Flask, Transformers(BERT), Whisper, TwitterAPI
◦ Curious about online sentiments? Here's our website that offers a solution for analyzing text, audio, images, and videos from social media platforms by analyzing the sentiments, providing valuable insights for businesses.
- **Real Estate Website (Agaram Promoters)** Feb 2024
Tools: HTML, CSS, JS
◦ This cutting-edge platform offers a diverse range properties, including lands, plots, and villas, with detailed info.
◦ Featuring a sleek, modern design and optimized for all devices, provides an effortless browsing experience.
- **Microprocessor 8086 Website** Aug 2024
Tools: React.js
◦ Developed a web-based compiler for 8086 microprocessor, enabling in-browser assembly code execution.
◦ Designed with a responsive UI for code visualization & 8086 architecture interaction without specialized hardware.
- **Other App Projects** Oct 2023 - Apr 2024
Tools: Flutter, Dart, Java, JavaFX, APIs, OpenAI API, Firebase
◦ Stock Trading App (AceStox): App made using Java & JavaFx for virtual stock trading, featuring stock transactions (Buy, Sell, Transfer), company insights, and tools to track market trends and monitor favorite stocks.
◦ News App (TopStory) :An app offering news and topic-based searches with user-friendly UI.
◦ Animal Info App (Animalia): An App which provides animal information with search and add features for details.
◦ Jithu's Calc : A Simple calculator app for basic arithmetic operations with user-friendly interface.
◦ MyDict : A Dictionary app utilizing an API to provide detailed word definitions and information.

◦ GeminiChat: Simple app using Gemini AI for interactive communication and answers.

• **Other Web Projects**

Apr 2024 - Aug 2024

Tools: HTML, CSS, JS, React.js

- To-Do List Website (TaskMaster): React-based to-do app offering task management, editing, & completion features.
- Clock Web Application (OnTime): Versatile clock app with timer, stopwatch, time display, and stunning UI.
- Conversion calculator (Calicify) : A conversion tool for seamless transformations between various measurements.
- Jithu's Web : A Web that showcases all my projects with detailed portfolios and insights.[\[🔗\]](#)

SKILLS

- **Programming Languages:** Dart, Python, Java, C, C#, C++, JS
- **Web Technologies:** HTML, CSS, JS, React.js, Flask
- **Database Systems:** Oracle, MongoDB, Firebase, SQLite
- **Data Science & Machine Learning:** Pandas, Numpy, Matplotlib, Seaborn, TensorFlow, Scikit-learn, Keras, OpenCV
- **DevOps & Version Control:** Github, Vercel, Render
- **Specialized Area:** Web Development, App Development, Game Development

HONORS AND AWARDS

- **Smart India Hackathon Finalist** Dec 2023
 - Demonstrated problem-solving skills at the Smart India Hackathon 2023 Grand Finale, tackling the complex problem statement "Sentiment Analysis on Social Media Presence" by the Ministry of Commerce and Industries
- **Best Paper Award - VSPICE International Conference** 2025
 - Won the Best Paper Award at VSPICE International Conference for research on IoT-based VR in rehabilitation.

VOLUNTEER EXPERIENCE

- **International Conference on Computational Intelligence in Data Science (ICCIDS 2024) Volunteering** Feb 2024
SSN College of Engineering
 - Coordinated the purchase of essential items required for the conference, including materials and supplies.
 - Oversaw the printing of conference materials such as programs, badges, and promotional items.

CERTIFICATIONS

- **AR / VR Workshop** Oct 2023
- **Embedded Software Development Workshop** Sept 2023
- **NPTEL: Getting started with Competitive Programming** Apr 2024
- **NPTEL: Deep learning** Apr 2024
- **LinkedIn: AWS, Web3, OpenCV, Unity** Aug 2024
- **HackerRank: Python, Problem Solving, SQL (Basic)** Apr 2024 - Aug 2024

ADDITIONAL INFORMATION

Languages: Tamil (High), English (Medium)
Interests: Drawing, Animals, Coding, Gaming
Technical Events: Participated in Prevision, Techsurf, Coder of the Month, and 10+ other events.
Hackathons: Participated in Flipkart GRiD, PSG Hackathon, SIH 2023 & 2024, Ada Lovelace Hackathon, and 5 more.
Coder Of the Month (March 2024): Ranked 2nd **CodeForces (Higest Rating):** 983, **Leetcode:** 198 problems solved