

NIHITH PENUMUCHU

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Summary

Aspiring Full-Stack Engineer currently pursuing a Bachelor's degree in Computer Science with a specialization in Artificial Intelligence and Machine Learning at SRM University, KTR Campus. Proficient in HTML, CSS, JavaScript, React and SQL, with hands-on experience in developing impactful projects such as Chroma Canvas, Feast Finder, and Predicting Psychological Mental Health Disorders from EEG Signals using Machine Learning Techniques. Passionate about leveraging technical skills and problem-solving capabilities to contribute to innovative projects and gain valuable industry experience.

Skills

Programming Languages: Python, HTML, CSS, JavaScript, SQL

Frameworks and Libraries: React.js, Node.js

Tools: Adalo, FlutterFlow, Bubble

Education

SRM UNIVERSITY, B.Tech in CSE with specialization in AI and ML

Sept 2021 – June 2025

- CGPA: 7.51/10.0

Projects

Predicting Psychological Mental Health Disorders From EEG Signals

- This project leverages EEG data and machine learning models, including Random Forests and Neural Networks, to predict and classify psychological mental health disorders. It aims to provide a non-invasive, automated diagnostic approach while exploring the potential of EEG features for mental health analysis.
- Tools Used: Python

Luxe-Auto

lux eauto.netlify.app

- LuxeAuto is a web platform designed to help users explore and discover their dream luxury cars with ease. It offers a seamless browsing experience, showcasing a curated collection of high-end vehicles.
- Tools Used: HTML, CSS, JavaScript

Chroma-Canvas

chroma-canvas.netlify.app

- ChromaCanvas is a creative platform that empowers users to bring their designs to life with powerful color tools. It features a Palette Creator, Color Combinations, Accessibility Checker, and Gradient Generator, helping you craft stunning, inclusive, and visually appealing projects.
- Tools Used: HTML, CSS, JavaScript

3D-Racing-Game

3d-racing-game.vercel.app

- 3D-Racing-Game is an immersive racing game where players can use the arrow keys to move and the 'C' key to change the camera view. Experience thrilling races in a dynamic 3D environment.
- Tools Used: JavaScript

Feast-Finder

feast-finder-lovat.vercel.app

- Feast Finder is a modern web application designed to streamline online food ordering, similar to popular platforms like Swiggy and Zomato. It provides an intuitive and visually appealing interface where users can explore various restaurants, browse menus, and place food orders effortlessly.
- Tools Used: JavaScript, HTML, CSS

Certificates

- GOOGLE ANDROID DEVELOPER VIRTUAL INTERNSHIP (SEP - NOV 2023)
- PALO ALTO CYBERSECURITY VIRTUAL INTERNSHIP (JAN - MAR 2024)
- GOOGLE AI-ML VIRTUAL INTERNSHIP (APR - JUN 2024)
- AWS DATA ENGINEERING VIRTUAL INTERNSHIP (JULY - SEP 2024)
- WEB FULL STACK DEVELOPER VIRTUAL INTERNSHIP (SEP - DEC 2024)

Languages Known

Indian Languages: Hindi, Telugu

Foreign Languages: English, Korean, Japanese

Extra Curricular Activities

- Participated in Logo Contest for 5G Use Case Lab on December 8th, 2023, organized by IETE Student Forum of the Department of Electronics and Communication Engineering
- Participated in Tata Imagination Challenge 2024: Student Track organised by Tata group.
- Participated in Executive Submission Round of the Eureka Challenge 2.0 organised by the Varroc.
- Participated in Level 1: E- Commerce and Tech Quiz of the Flipkart GRID 6.0 - Software Development Track organised by the Flipkart.
- Participated in TATA Crucible Campus Quiz 2024 organised by the Tata Group.