



Arun Natarajan

B.tech CSE NITC

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Skills

HTML	CSS
JavaScript	Python
C	C++
MySQL	NodeJs
MongoDB	ReactJs
EJS	AWS

Google Cloud Services

Certifications

Web Development Bootcamp
Udemy: Dr Angela Yu
27-12-2023
https://www.udemy.com/certificate/UC-19e77400-4275-4286-82b7-d6ff1fd30f2a/

Languages

English	Tamil
Native speaker	<div><div></div><div></div><div></div><div></div><div></div></div>
Hindi	Malayalam
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French	
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Education

National Insitute of Technology Calicut
Computer Science and Engineering
8.19 CGPA
2022-2026
B.Tech

St Josephs Academy

ISC - 12th Grade - 98.4% -2022
District and school topper
ICSE - 10th Grade - 95% -2020
School topper

Projects

Minutes Maker

Webapp that generates minutes from uploaded audio
<https://github.com/arunnats/minutes-maker>

Solo project

-Created a web application hosted on google cloud services with API integration, utilizing Deepgram Nova 2 to generate a transcript and OpenAI GPT 3.5 to create the minutes of the meeting while presenting an appealing user experience using HTML, CSS and Bootstrap

-Used Axios for seamless API interactions and used Multer to handle the audio file uploads to the google cloud

OpenAI, Deepgram Nova, NodeJS, ExpressJS, Axios, Multer, Javascript

Story GPT

Web app that creates a story and image based on emoji input
<https://github.com/arunnats/StoryGPT>

Solo project

-Engineered a Node.js and Express.js web app with API integration, utilizing OpenAI's GPT-3.5 Turbo and DALL-E models for dynamic story and image generation, while ensuring an intuitive user experience through HTML, CSS, and Bootstrap.

-Employed Axios for seamless API interactions and made a creative application stack, leveraging EJS and Body-parser for efficient integration and enhanced user experience.

OpenAI, DALL-E, Axios, NodeJS, Javascript, HTML, CSS

MagCom Website

A website that acts as a submissions site, newsletter signup site and archive

Solo Project

-Developed a dynamic archive resembling a newspaper using EJS and CSS, powered by ExpressJS and NodeJS.

-Implemented a login system using passportJS for administrators to manage content to the MongoDB database with a user-friendly GUI.

-Created a newsletter sign-up page and a submissions page for the magazine.

Javascript, NodeJS, MongoDB, HTML, CSS, passportJS

unbOS

Debian based operating system

Project lead -Debian based Linux distribution focused on safety and ease of use for new users learning computer engineering . -Includes most common packages and applications used by an engineering student built in

-Built a startup app using python 3 GTK libraries which allows students to choose the packages they require and to customize their install experience

Linux, Distro, GTK

Sahiti Website

Website for a college literature fest

Group Project - Backend lead

-Worked on the front end and helped design the website using Figma

-Integrated APIs to make a payment gateway

-Managed a database to dynamically render events and to handle incoming registrations using MongoDB and Strapl

-Built a backed using expressJs aand rendered content with EJS

Strapl, MongoDB, nodeJS, reactJS, javascript

Student Involvement

Literature and Debate Club

Writer, Designer and Tech Team

-Designed and wrote articles published on the website and Instagram page

- As a member of the tech team worked on the website for the LnD fest "Sahiti"

Magazine Committee

Editor and Tech Team Head

- Built the front end and back end code for the MagCom website with an extensive database

Tathva Design Committee

Junior Executive

-Created brochures for expo committees and designed posters for the events