



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	Dart
Flutter	

Certifications

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

Languages

English  
Native speaker

Tamil

Hindi

Malayalam

French

Education

National Insitute of Technology Calicut	2022-2026
Computer Science and Engineering	B.Tech
8.19 CGPA	
St Josephs Academy	
ISC	2022
98.4%	12th Grade
School and district topper	
ICSE	2020
95%	10th grade
School topper	

Projects

Minutes Maker

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

Solo project

- Created a web-app 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
  - The backend is handled using NodeJs and runs expressJS and uses ses 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 NodeJs and ExpressJs 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

Editer 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