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Alan Saji

Technical Skills: HTML, CSS, Python, Java, JavaScript, C#, Node.js, Flask, git, GitHub, Web Design, DBMS, SQL, PostgreSQL, APIs, Bootstrap, Selenium WebDriver, Machine Learning, Microsoft Power Platform, Blender, Unity Game Engine.

Certification:

- Mirosoft Power Platform app maker Associate
- Oracle Java Foundations Asssociate
- Introduction to Databases for Back-End Development – Meta, Coursera
- Unity and C# Basics – Meta, Coursera
- Version Control - Meta, Coursera
- Responsive Web Design – FreeCodeCamp
- Java Basics – Hackerrank
- Introduction to VR/AR/XR/MR – Michigan University, Coursera
- Foundation of UX design - Google, Coursera
- Complete Machine Learning with R studio – Udemy
- Machine Learning with Python Training – Acmegrade
- Linux Fundamentals - Learn Quest, Coursera

EDUCATION

Board	Tenure	Educational institution	CGPA/Percentage
B. Tech (CSE) Gaming	Jun 21 –Ongoing	Vellore Institute of Technology, Bhopal	7.9/10
Class XII	May 21	St. Thomas Residential School, Kerala	88.0%
Class X	Jun 19	Sarvodaya Vidyalaya, Kerala	92.0%

ACADEMIC PROJECTS

Full stack

- **UTS – Transport service** (October 23 – ongoing)
  - Description: A safe and accessible transport service website for disabled and elderly people with features specially designed for accessibility.
  - Technology: HTML/CSS, JavaScript, Bootstrap, Flask, python, node, mongo DB, express, Mapbox API.
  - Team Project: 8 members
  - Role: Full Stack Developer
  - Link (node): https://github.com/Alansaji2003/uts-node (Stable version)
  - Link (flask): https://github.com/Alansaji2003/UTS

- **Recipe Web App with Edamam API Integration** (January 22 – January 22)
  - Description: Developed a recipe web application leveraging the Edamam API to provide comprehensive recipe data. Built with a combination of front-end and back-end technologies for a seamless user experience.
  - Technology: Edamam API, HTML, CSS, JavaScript.
  - Individual project inspired from college seminar
  - Role: Full Stack Developer
  - Link: https://github.com/Alansaji2003/Recipe-web-app

- **Family Travel Tracker web App** (September 23 – September 23)
  - Description: Developed a Family Travel Tracker application to keep records of countries in the world each member of family have travelled. Built using Node.js, Express, EJS templating engine, and PostgreSQL database for efficient data management.
  - Technology: Node.js, Express, EJS, PostgreSQL
  - Individual project
  - Role: Full Stack Developer
  - Link: https://github.com/Alansaji2003/100-days-of-code/tree/master/day59

Front-end	▪ **Codist – Learn** (October 22 – November 22)
	  - Description: Home page for a learning platform.
	  - Technology: HTML/CSS, JavaScript, Bootstrap
	  - Individual Project
	  - Role: Front-end Developer
	  - Link: https://alansaji2003.github.io/frontend-for-codist-website/
	
	▪ **Tuition Class Website** (October 23 – November 23)
	  - Description: Home page for a Tuition class
	  - Technology: HTML/CSS, JavaScript, Bootstrap
	  - Individual Project
	  - Role: Front-end Developer
	  - Link: https://github.com/Alansaji2003/100daysofpython/tree/main/day58%20bootstrap/boot-website
	
	▪ **Sustainable Development Goals (SDG) Website for NGO** (January 22 – February 22)
	  - Description: Developed a website focusing on Sustainable Development Goals for a non-profit organization associated with BHU.
	  - Technology: HTML/CSS, JavaScript, Bootstrap
	  - Team Project: 3 members
	  - Role: Front-end Developer
	  - Link: https://github.com/Alansaji2003/IEEC-BHU-PROJECT-FOR-NGO

Machine Learning	▪ **Traffic Sign Classification with Convolutional Neural Network (CNN)** (November 23– December 23)
	  - Description: Implemented a machine learning project to classify traffic signs using Convolutional Neural Network (CNN) with LeNet architecture.
	  - Technology: Python, TensorFlow, Keras
	  - Individual Project
	  - Role: Machine Learning Engineer
	  - Link: https://github.com/Alansaji2003/machine-learning/tree/main/Python/TrafficSignClassification

Back end	▪ **Anime Information Search Website with GraphQL API** (Jan 24– Jan 24)
	  - Description: Developed a website for searching anime information utilizing the AniList GraphQL API. Built with Node.js, Express, and EJS templating engine.
	  - Technology: Node.js, Express, EJS, GraphQL (AniList API)
	  - Individual project
	  - Role: Backend Developer
	  - Link: https://github.com/Alansaji2003/AnimeFacts
	
	▪ **Blog Website with Flask and Jinja Templating** (September 23 – September 23)
	  - Description: Revamped a blog website using Flask, a Python web framework, and Jinja templating for dynamic content rendering. Blogs are sourced through the NPoint API.
	  - Technology: Flask, Jinja, NPoint API, Bootstrap-Flask
	  - Individual project
	  - Role: Backend Developer
	  - Link: https://github.com/Alansaji2003/100daysofpython/tree/main/day59%20improvedBlog

Python	▪ **100 Days of python projects** (June 21 – ongoing)
	  - Snake game, pong game, Guess the state game (turtle)
	  - Pomodoro App, Password Manager App (tkinter)
	  - Birthday wisher, rain alert, stock alert, habit tracker (APIs, SMTP)
	  - Amazon price tracker, Instagram Bot, Twitter Bot, Linkdin Bot, Tinder Bot (Beautiful Soup, Selenium WebDriver)
	  - Blog, Library store (Flask , SQLite)

CO-CURRICULARS		
Coding	▪ Hackerrank 5 Star in Java.	https://www.hackerrank.com/profile/rockstaralansaji
	▪ Hackerrank 5 Star in Python.	https://www.hackerrank.com/profile/rockstaralansaji
	▪ 100 Days of python	https://github.com/Alansaji2003/100daysofpython
	▪ 100 days of web development	https://github.com/Alansaji2003/100-days-of-code
	▪ DSA at GFG	https://auth.geeksforgeeks.org/user/rockstaralansaji

EXTRA-CURRICULARS AND ACHIEVEMENTS

Responsibilities	▪ Google Cloud Community Day Bhopal - Attendance certificate - Google Cloud ▪ Coordinator for Onam Club decoration team at VIT Bhopal (2022)
Extracurricular	▪ Immersive Tech, Unreal Engine Workshop (2 days) - Monolith Research and Training, Chennai ▪ Indo-Malaysian international Hackathon - Deckathon 2.0 (Solid waste management - Pitch deck) ▪ Hands-on IoT Training (2 days) - Cranes Varsity, Bengaluru

ADDITIONAL INFORMATION

Hobbies	▪ Daily Coding– Hackerrank, GeekForGeeks ▪ Tech Blogging– Medium (https://medium.com/@rockstaralansaji) ▪ Playing Games - Valorant
Languages	▪ English, Hindi, Malayalam