Thilagan Iniyavan

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Objective

Hardworking and motivated third-year Computer Science Engineering student at Amrita Vishwa Vidyapeetham with hands-on experience in app development and web development, seeking an internship or entry-level position to apply my technical skills, contribute to innovative projects, and further enhance my expertise in software engineering while continuously learning and growing as a professional..

Education

Amrita Vishwa Vidyapeetham , Coimbatore.   2023 - Present
BTech in Computer Science and Engineering with Minor in Automation and Robotics

- CGPA: 9.36

Yuvabharathi Public School , Coimbatore .   2010-2023
High School [CBSE]

- Grade 10: 91.4 % , Grade 12: 96.4 %

Experience

Student Intern, Teclever Solutions Pvt Ltd. , Bengaluru   Nov 2024

- Learned about Salesforce admin and developer roles, gaining hands-on experience in creating **5+ applications** in Salesforce to understand its real-world applications
- Conducted research and analysis on **50+ borescopes** and assisted in finalizing the purchase decision for a critical project undertaken by the company.

Software Engineer Intern, Sri Sathya Sai Seva Organization, India   Nov 2024 - Dec 2024

- Developed and deployed a **Firebase-powered Next.js web application** for the State Level Balvikas Talent Search 2024, facilitating seamless management for **750+ participants, 70+ judges**, and 36 events with unique grading criteria.
- Designed district-wise dashboards with advanced filters, search tools, and admin/judge capabilities, enabling real - time grading, leaderboards, and streamlined logistics for over **100+ real-world users.**

Core Team and Multimedia, GalaxyZSpace Pvt Ltd., India   Apr 2025 - Jul 2025

- Designed and developed engaging multimedia content, including graphics, videos, and interactive materials, to support digital marketing and outreach initiatives.
- Collaborated with cross-functional teams to enhance visual storytelling, ensuring brand consistency across web and social media platforms.

Projects

Auraxio - Chat Application   github.com

- Built a real-time chatting application similar to WhatsApp, supporting texts and media files, achieving **95% uptime** during testing.
- Developed features for **10+ simultaneous group chats** with the ability to add users and create **new groups dynamically**
- Tools Used: HTML , CSS , JavaScript , FireBase

Engaged - Blog Application   github.com

- Developed a blog platform enabling **50+ users** to create posts, allowing viewers or anonymous users to comment on blogs without an account.
- Designed and implemented dynamic pages facilitating discussions on **20+ topics**, enabling interaction from global users.
- Tools Used: HTML , CSS , JavaScript , Django , MySQL

Efficient Movie Management System Using Advanced Data Structures.   github.com

- Engineered a movie management system using advanced data structures (Trie, AVL Tree, Segment Tree, Graph) for high-performance search, sorting, analytics, and traversal operations in Python.
- Developed interactive menu-driven software enabling efficient autocomplete, dynamic rating management, range queries, and user watchlist functionality.
- Tools Used: Python , Data Structures

Tirupani - Mobile Application

- Developed the frontend of the Tirupani mobile application using Flutter, implementing responsive UI components and ensuring a seamless user experience across devices.
- Designed high-fidelity prototypes and user interface layouts in Figma, translating design concepts into interactive app screens aligned with project requirements.
- Tools Used: HTML , CSS , JavaScript ,Flutter, Figma

Technologies

Languages: Python, Java, C++, C, HTML, CSS, SQL, Javascript

Technologies: Firebase, GitHub, MongoDB, Figma, Open CV

Frameworks/Libraries: Django, ReactJS, Bootstrap, NodeJS,Electron

Others: Git, DSA, OOPs, Linux, MERN, Arduino

Positions of Responsibility

- **Co - Head Administration** | Ignite 2024   Oct 2024 - Dec 2024
- **Co - Head PR and Outreach** | Genesis 2025   Feb 2025 - Apr 2025
- **Treasurer** | Amrita Model United Nations Society   Aug 2024 - Present
- **Core Team** | Institution's Innovation Council   Jan 2025 - Present
- **Charge D'Affaires** | Amrita MUN 2025   Apr 2025 - Present

Certifications

- Python and Django Full Stack Web Developer Bootcamp | Udemy
- React, NodeJS, Express & MongoDB - The MERN Fullstack Guide | Udemy
- Automate the Boring Stuff with Python Programming | Udemy