

Parithi M

Passionate Computer Science Engineer with a strong dedication to continuous learning and leveraging technology for community impact.

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INTERN EXPERIENCE

Citicorp Services India Pvt Ltd

Production Support Intern

June 2024 - July 2024

Worked on integrating monitoring tools to enhance application observability and incident detection in live production environments. Gained hands-on experience with automation scripting and Selenium WebDriver to streamline testing and support operations.

Bharath Sanchar Nigam Limited

Internship Trainee

June 2023 - July 2023

Explored the functioning of telecom infrastructure, including mobile, broadband, and switching systems. Acquired practical experience in handling optical fiber cables and understanding signal transmission in real-world telecom networks.

EDUCATION

College of Engineering Guindy, Anna University

Bachelor of Engineering (CSE) - 9.04

November 2021 - July 2025

Lisieux Matriculation Higher Secondary School, Coimbatore

Higher Secondary Certificate - 98.49%

June 2007 - May 2021

PROJECTS

Context Aware Multi-Stage Temporal Video Grounding

Python, PyTorch, CLIP, Transformers

Developed a zero-shot video grounding system that temporally localizes relevant moments in untrimmed videos using natural language queries. Utilized CLIP embeddings and multi-stage temporal filtering to match semantic meaning between text and video segments without manual annotations.

Digital Certificate Generation and Validation using Blockchain

Ethereum Blockchain, Solidity, Node.js

Built a decentralized platform for secure certificate generation and tamper-proof validation using Ethereum smart contracts and IPFS. Automated the verification process, reducing manual effort and ensuring data integrity through blockchain technology.

Smart Agriculture Decision Support System

Python, Flask, OpenCV, Scikit-learn, HTML/CSS, JavaScript

Created an AI-powered web platform for crop recommendation and plant disease detection using machine learning and image processing techniques. Integrated an e-commerce module and live API to provide farmers with access to tools and government schemes.

Student-Alumni Networking Portal

PHP, MongoDB, Bootstrap, JavaScript, HTML, CSS

Designed a full-stack web application to connect students with alumni for mentorship and career guidance. Implemented secure authentication, real-time messaging, and searchable profiles to facilitate professional networking within the institution.

Position of Responsibilities

- Head of Logistics - Student Association and Arts Society of CEG
- President - Castle Red (Chess Club of CEG)
- Cadet Captain - National Cadet Corps

AWARD

1951 Alumni Endowment Award - Best N.C.C Cadet Naval Wing 2025 Alumni Association of CEG

Best N.C.C cadet 2023, 2024 N.C.C Navy CEG

Best Outgoing Student Award 2021 Lisieux Mat Hr Sec School

Rajya Puraskar Award 2018 Bharat Scouts and Guides