

VISHNU PILLAI

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[LEETCODE](#) | [CODEFORCES](#) | [LINKEDIN](#) | [GEEKSFORGEEKS](#)

EDUCATION

Bachelor of Technology | Electrical Engineering

Delhi Technological University

2020 - 2024

CGPA - **8.32/10.0**

XII (Sr. Secondary, AISSCE)

Ryan International School, Sohna Road, Gurugram

2018 - 2019

Percentage - **94.2%**

WORK EXPERIENCE

Tyroo Technologies | **Backend Intern**

July 2024 - Aug 2024

- Developed an AI-powered email monitoring system for the campaign management team at Tyroo, automating redundant tasks for account managers using CrewAI and LangChain.
- Implemented generative AI techniques and prompt engineering to process and prioritize emails from clients, partners, and peers, enhancing the efficiency of campaign setup, monitoring, and report generation.
- Leveraged Retrieval-Augmented Generation (RAG) and automation tools to categorize and analyze emails, performing sentiment analysis to determine urgency and improve response times.

ACCENTURE | **Advanced Application Engineer Intern** | **Certificate**

June 2023 - July 2023

- Analyzed and examined features and capabilities of **identity and access management**, including **identity provisioning**, **access management**, **compliance management**, **self-service** etc through virtual hands on experience
- Explored training modules on the software **SAILPOINT** which helps organizations manage respective user identities and access privileges from the [SailPoint Compass Community Site](#)

ACADEMIC PROJECTS

Social Media Website | **Project**

Nov 2023 - Jan 2024

- **Developed a Full Stack Project** using **MERN** and various other tools to create a social media website
- Implemented authentication and authorization using bcrypt.js and JWT for secured user authentication
- Utilized Redux Toolkit for efficient state management, enhancing the application's performance and scalability
- Implemented an essential set of **10+** features that encompass a wide range of functionalities, **including user profiles, friend connections, photo and video sharing, commenting**, and more

MoviesFo | **Project** | **Video**

Sept 2023 - Oct 2023

- Required Tech stack were **Reactjs, Redux, HTML, CSS, Javascript, APIs**
- Developed a front end web application using Reactjs and Redux serving as **TMDB API**
- Programmed a **search system** that gets data from **TMDB API** and displays **10 results** in the form of grid
- Integrated **Axios NPM, reactIcons packages** for asynchronous tasks and icons for the website

ACADEMIC ACHIEVEMENTS

- Achieved **University rank 1** and **country rank 39** in **IEEE Extreme 16.0**, 2022 among 14000+ teams | [certificate](#)
- Secured **University rank 13** and **country rank 1758** in **CodeKaze 2023**, which had 200,000 participants | [certificate](#)
- Participated in the hackathon involving 25000+ students and overcame all rounds to qualify for the **exclusive Jumpstart' 22 event** organized by **Publicis Sapient** | [certificate](#)
- Attained **maximum rating of 1448(specialist)** in Codeforces
- Achieved a **status of Knight** and **maximum rating of 1894 on Leetcode**, and **among top 5% contestants**
- Solved **1500+ data structures and algorithms problems** across various coding platforms

SKILLS

Programming: C/C++, JavaScript, Python

Libraries/Frameworks: React, Bootstrap, Nodejs, Express.js, ejb

Tools/Platforms: VsCode, Git, Github, Canva, Matlab

Databases: MySQL, MongoDB

Relevant Coursework: Data Structures, Algorithm Analysis and Design, Discrete Structures, DBMS, Operating System, OOPs

EXTRACURRICULAR ACTIVITIES

Member of DTU Cricket Team

January 2022 - July 2022

- Attained **2nd position in cricket** at **Agastya, Inter College Sports Tournament**, held at NSUT