ANUVARSANA K

22PD06

Gender	Female
Date of Birth	20th April 2005
Languages known	English, Tamil
Email	**22pd06@psgtech.ac.in**
Mobile	**+91-63826-01396**
GitHub	Anuvarsana_K
LinkedIn	Anuvarsana_K

Address
2C, Valluvar Thottam, Nehru Street,
15, Velampalayam Tirupur-641652.

OBJECTIVE

To obtain a position as a student intern from May 2025 to November 2025.

ACADEMIC QUALIFICATION

Currently pursuing 3rd year of 5-year Integrated M.Sc. Data Science at the Department of Applied Mathematics and Computational Sciences at PSG College of Technology.

SKILL SET

Languages	Python,C++
Platform	Windows,Linux
Tools and Technologies	PowerBI, Excel, Beautiful Soup

AREAS OF INTEREST

- Data Analytics and Visualization
- Object Oriented programming
- Supervised and Unsupervised Learning

ACADEMIC RECORD

- **M.Sc. Data Science** — *2022-2027*
  PSG College of Technology, Coimbatore — **7.39 CGPA**
- **XII (Higher secondary, State Board)** — *2022*
  Vikas Vidyalaya Matriculation Higher Secondary School, Koolipalayam, Tirupur — **95.10 %**
- **X (SSLC, State Board)** — *2020*
  Vikas Vidyalaya Matriculation Higher Secondary School, Koolipalayam, Tirupur — **97.80 %**

NON-ACADEMIC PROJECTS

- **Stock Market analysis,** Developed a **Python Flask**-based stock analysis tool that fetches real-time stock prices using **BeautifulSoup** for **web scraping**. Enabled analysis of key financial metrics and created interactive visualizations to provide actionable insights into stock performance, enhancing user decision-making.

- **Covid Vaccination Registration**, Implemented in **Python** that allows the user to register for Covid Vaccination according to their preference of vaccine, place and hospital. User can also modify or cancel, Other factors that involve in scheduling their vaccines are dates of first dose, and whether they had covid during the time interval.

ACADEMIC PROJECTS

- **Heart Disease Prediction Model**, Utilizes a **Support Vector Machine** (SVM) model fine-tuned for high accuracy to predict the presence of heart disease. Implemented using **Federated Learning**, the model ensures data privacy by enabling decentralized training across multiple nodes, preserving sensitive patient information.
- **Google Docs Simulator**, A collaborative platform for real-time document creation, editing, and sharing. Built with **React.js, Material-UI, and Socket.io** for frontend and real-time communication, and **MongoDB** for data persistence, it ensures seamless, low-latency synchronization across multiple users in a distributed system.

- **Agrichain** - **Direct Market Access for Farmers**, Created a **Database Management System** oriented project that enables farmers to directly buy and sell their products without intermediaries with an interactive user interface. This project is developed using **HTML, CSS, JavaScript, Bootstrap** for frontend and **Python flask, SQLAlchemy** for backend.

EXTRA-CURRICULAR ACTIVITIES AND ACHIEVEMENTS

- Participated in the **Virtual Stock Market League** organized by the **Finverse Club**, in association with StockGro.
- Completed certification in **Stock Market Basics** from **Zerodha Varsity**.
- Achieved certification for the course completion of **Python** in udemy.
- Participated in the **Unhack Hackathon** conducted by **KLA**, focusing on optimizing semiconductor processes.
- Proficient Carnatic Singer and participated in various stage shows.

DECLARATION

I, Anuvarsana K, do hereby confirm that the information given above is true to the best of my knowledge.

Place: Coimbatore
Date: 27/01/2025 (Anuvarsana K)