



TARUN BIJU

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B.Tech, Computer Science and Engineering - Internet of Things

Address : No. 5 Kalyani Ponnapan Avenu, Ramapuram, Chennai



SRM
INSTITUTE OF SCIENCE & TECHNOLOGY
(Deemed to be University u/s 3 of UGC Act, 1956)

Summary

Solution-oriented problem solver with strong skills in communication, collaboration and delivering efficient technical solutions. Adaptable, quick to learn and driven to turn complex challenges into impactful results.

Education

SRM IST-Ramapuram

B.Tech · Computer Science and Engineering - Internet of Things

2027

CGPA - 8.66/10

L'ecole Chempaka

Class XII - ISC · PCM · Edavacode, Sreekariyam, Trivandrum, Kerala

2023

Percentage - 82.5%

L'ecole Chempaka

Class X - ICSE · PCMB · Edavacode, Sreekariyam, Trivandrum, Kerala

2021

Percentage - 92.4%

Projects

Dhobi Waala - Laundry Service Website

SRM University · Express.js, MySQL, Node.js

Jul 2024 - Nov 2024

Web Development

- Developed a full-stack web application using Node.js, Express.js, and MySQL to manage laundry services efficiently.
- Implemented user authentication, order tracking, and automated record-keeping for laundry pick-up, drop-off, and delivery.
- Designed a responsive interface to monitor service history, number of clothes, and return schedules, improving operational efficiency.

Text Summariser Chatbot

SRM University · Hugging Face, NumPy Pandas, Flask

Feb 2025 - Apr 2025

Machine Learning

- Developed an AI-powered PDF summarization and Q&A system integrating PyPDF2, Hugging Face Transformers, and Streamlit to extract, preprocess, and summarize large documents.
- Implemented transformer-based models (GPT) for abstractive & extractive summarization and Q&A, improving information retrieval and comprehension efficiency.
- Built a modular web application with Flask, Streamlit, and database integration, featuring a feedback loop for continuous improvement and an interactive chatbot interface.

BlockSQL Learning Lab

SRM University · React, Vite, Tailwind CSS, LLM

Dec 2025 - Dec 2025

EdTech, Data Engineering & Analytics

- Engineered a high-end, visual SQL IDE featuring a dual-mode interface: a standard code editor and a custom block-based logic builder to simplify query construction for beginners.
- Architected a 3-column dashboard (Schema, Editor, Results) with a premium "Deep Space" aesthetic, utilizing glassmorphism and Tailwind CSS for a high-performance, SaaS-level UI.
- Integrated an AI Chat Assistant copilot to provide real-time SQL debugging and automated query generation.

Certifications

Java Programming Language | [Java Bootcamp Certificate](#)

Udemy

Oct 2024

Python Programming Language | [Python Bootcamp Certificate](#)

Udemy

Oct 2024

DataBase Management System

NPTEL Swayam

Mar 2025

Volunteering

Indian Institute of Space Science and Technology | IIST NIRMAAN

Volunteer · Education for underprivileged communities

May 2025 - Jun 2025

- Volunteered at NIRMAAN Club, IIST, assisting students in exploring research topics related to physics.
- Conducted interactive and educational activities, fostering curiosity and engagement in science among students.
- Collaborated with club members to organize workshops and hands-on sessions, enhancing overall learning experiences.

Conferences and Workshops

GenAI Workshop

Aug 2025

AI Geeks · International Techpark, Tharamani, Chennai

- Attended AI Geeks GenAI Workshop at International Tech Park, Chennai, focused on cutting-edge advancements in Generative AI.
- Gained practical insights into Agentic RAG and Multi-Agent Systems through expert-led sessions.
- Networked with AI professionals and enthusiasts, enhancing understanding of real-world GenAI applications and project use cases.

Skills

Programming Languages: Java, Python

Tools and Technologies: VS Code, Eclipse

Languages and Frameworks: MySQL, HTML, CSS, JavaScript, SpringBoot, React

Design and Simulation Tools: AutoCAD, Canva, Figma

Areas of Interest: OOPS, DSA, CN, OS, Web Development, Internet Of Things

Languages

Malayalam [Native Proficiency], English [Native Proficiency], Tamil [Fundamental Proficiency]