SANDEEP UTHAYAKUMAR

B. TECH

My Contact

✉ sandeeputhayakumar@gmail.com

✉ cs22b1050@nitpy.ac.in

☎ +91 6374899340

📍 India

🌐 www.linkedin.com/in/sandeep-uthayakumar-8b7242255/

Education Background

2022 – 2026
· Bachelor of Technology

· Discipline: Computer Science

· National Institute of Technology, Puducherry.

· CGPA – 7.91/10

2020–2022
· Grade 12, CBSE

· Aditya Vidyashram Gurugram, India.

· Score – 85.8 %

2015 – 2020
· Grade 10, CBSE

· Amrita Vidyalayam, India.

· Score – 91.4%

About me

I'm Sandeep, a passionate software developer with a strong foundation in Java, Python and in MERN Stack. My journey through internships and personal projects has developed my ability to build scalable applications, design efficient systems, and contribute to the entire software development lifecycle. I'm always eager to learn new technologies and solve complex problems.

Projects

- **Transformer-Based Translator: Efficient Language Translation with Neural Networks**

Course Project / *Instructor: Asst. Prof. Dr. Kumaran. P, CSE Dept., NIT Puducherry*
The Transformer architecture stands out as an ideal candidate for powering chatbots due to its exceptional scalability, minimal memory requirements, rapid processing speed, robust durability, and remarkable data retention capabilities. Our focus is on refining a specialized multi-headed transformer design tailored for enhancing chatbot functionality and performance.

- **Simulation of cryptocurrency using Blockchain**

Research Intern / *Guide: Asst. Prof Dr. Sanjay Bankapur, CSE Dept., NIT Puducherry*
Built a Python-based cryptocurrency wallet using blockchain integration with PyQt5 for GUI, featuring account creation, balance viewing, and transaction capabilities

Technical PROFICIENCY

Languages:
- C, Java, Python, Html, CSS, JavaScript.

Software's:
- IntelliJ IDEA, Git, MySQL, MongoDB.

Frameworks:
- React, Express, NodeJS, TensorFlow, PyTorch.

Leadership Roles

- Executive member for the Association of Computer Science Engineers (ACE).

- Event Coordinator of NITPY Tech Fest – Gyanith 24.

- Web development Member of LEAP.

Certificates

- **Blockchain Workshop|** Ace
- **Data Science Using Python** | Scaler
- **SQL certificate** | Hacker Rank

EXTRACURRICULAR & HOBBIES

- Won in elocution and debate competitions.
- Won in school hackathons.

Hobbies: Playing Badminton, Video editing, Reading books.

Links

- GitHub – Sandeep2k5 (Sandeep U) (github.com)
- Leetcode –Sandeep2k5 – LeetCode Profile