

BHISHMA KUMAR ARANGANNAL

+91 7338859180 | bhishmakumar2402@gmail.com | <https://www.linkedin.com/in/bhishmakumar24/>

SUMMARY

Motivated computer science student with hands-on experience in projects, hackathons, and problem-solving. Skilled in programming and UI/UX, with a strong passion for teamwork and building real-world technical solutions.

EDUCATION

TI MATRICULATION HIGHER SECONDARY SCHOOL

Chennai, IN

2009 - 2023

XII Grade - Specialization in Biology and Maths

ANNA UNIVERSITY

Chennai, IN

Aug 2023 - Present

Bachelor of Engineering in Computer Science Engineering | GPA:7.470

Relevant Coursework: Data Structures & Algorithms, Computer Networks, OOP, Database Management Systems

RESEARCH & PROJECTS

Fraud Detection System using AVL Trees and Bloom Filters

- Developed a hybrid fraud detection model combining advanced data structures for high-speed anomaly identification.
- Presented at *Student Research Day 2025* showcasing innovation and accurate pattern detection.

Network Traffic Intrusion Detection System | PyShark + Packet Analysis

- Created a real-time traffic inspection model using network packets and PyShark.
- Demonstrated practical intrusion detection capabilities at *VIT NEXATHON 2025*.

TECHNICAL SKILLS

Programming Languages: Java, Python, C

Web Technologies: HTML, CSS, JavaScript

Core CS Concepts: Data Structures, OOP, Networking Basics, Virtualization

Analytical Skills: Logical reasoning, structured problem-solving

INTERNSHIP & EXPERIENCE

Intern – JK Automation

Gained hands-on experience in automation systems and industrial workflows, working on real-time problem-solving while strengthening teamwork, professional communication, and core CS fundamentals.

Web Technologies: HTML, CSS, JavaScript

Core CS Concepts: Data Structures, OOP, Networking Basics, Virtualization

Analytical Skills: Logical reasoning, structured problem-solving

CERTIFICATIONS

o Internet of Things 101 – *Infosys Springboard* o Computational Problem Solving – *Infosys Springboard*

o Software Engineering & Agile Software Development – *Infosys Springboard*