

Sanku Bhuvanesh

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PROFESSIONAL SUMMARY

B.Tech Computer Science undergraduate specializing in Artificial Intelligence and Machine Learning, with strong foundations in Java-based application development, databases, and data-driven problem solving. Experienced in building academic projects involving machine learning models, RESTful services, and database integration, with a focus on writing clean, maintainable, and scalable code.

SKILLS

Programming Languages: Java, SQL

Database: MySQL / PostgreSQL

Soft Skills: Critical Thinking, Problem Solving, Communication

Frontend Technologies: HTML, CSS

Tools & Technologies: Git, GitHub, VS Code, JDBC

Languages Known: English, Telugu

WORK EXPERIENCE

Academic Project Experience

Software & Machine Learning Projects

India

2022 – Present

- Designed and developed multiple academic projects involving Java, databases, and machine learning models
- Applied software development lifecycle principles including requirement analysis, implementation, and testing
- Collaborated on version-controlled projects using Git and GitHub

EDUCATION

Kalasalingam Academy of Research and Education

B.Tech in Computer Science (AI & ML)

Tamil Nadu

2022 – 2026 | CGPA: 8.72

PROJECTS

Student Management System

Java, JDBC, SQL

Source Code

- Developed a database-driven student management system managing records for 1,000+ students
- Implemented CRUD operations with JDBC and MySQL
- Optimized database schema, reducing redundancy by 15%

AI-Driven Sign and Voice Translation Framework

Python, TensorFlow, Django

Source Code

- Implemented CNN-based gesture recognition achieving 92% accuracy
- Built a Django web interface for real-time translation

URL Phishing & Email Spam Detection

Python, scikit-learn, Flask

Source Code

- Designed a phishing detection pipeline using ML classification models
- Integrated REST API for scalable deployment

CERTIFICATIONS

Java Foundatons - Oracle
Soft Skills Development – NPTEL

DBMS & DAA – CodeChef
Java Foundations – Oracle

ACHIEVEMENTS

- Solved **1000+ coding problems** on CodeChef
- Achieved **Gold Badge** on CodeChef
- 2nd Prize – Research Paper Presentation