

VISHNU P

Bengaluru, Karnataka, India

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Vishnu P

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SwaggyV08

Portfolio

Education

RNS INSTITUTE OF TECHNOLOGY

Bachelor of Science in Information Science

Dec. 2022 – Present

Bengaluru, Karnataka

Certificates

- Introduction to LLMs
- MLOps for GEN-AI
- NLP
- Cloud Computing
- Artificial Intelligence
- Database Management
- DSA using JAVA
- Transformer And BERT
- Models

Experience

Logiscope Technologies Pvt Ltd

Software Engineer Intern

Oct 2025 – Present

Bengaluru, Karnataka

- Developed a Syslog Service using Java and Netty, implementing both UDP and TCP listeners to receive and handle real-time log messages from distributed systems..
- Optimized message handling for concurrency and high throughput, ensuring reliable processing of simultaneous syslog inputs from multiple clients.
- Integrated Kafka for scalable log streaming, enabling efficient message production and downstream analytics integration for enterprise-level monitoring.

Virtual Job Simulation

JPMC Software Developer Job Simulation (Certificate)

Software Engineer

Sep 2025

Forage

- Built and integrated RESTful APIs with data persistence using H2 database, simulating real-world backend development practices for financial systems.
- Developed a Kafka-based event streaming solution to process and analyze real-time data, demonstrating proficiency in distributed system integration and scalable architecture design.

Projects

CypherX- A CyberSecurity Application | Dart, Flutter, Python (Github)

Oct 2025

- Developed an AI-powered Android APK security analysis system that performs static and dynamic vulnerability detection using a trained Random Forest classifier and penetration-testing heuristics.
- Implemented intelligent anomaly detection combining model uncertainty, feature novelty, and pentesting severity for early malware behavior identification.
- Built a FastAPI-based backend integrating machine learning pipelines (scikit-learn, joblib, androguard) with secure API key authentication and JSON report generation.
- Designed an automated APK scanning workflow that extracts permissions, API calls, and risky components, generates Gemini-powered vulnerability reports, and maintains per-user analysis history.

BidFair-Online Antique Bidding System | JavaScript, MERN Stack (Github)

Dec 2024

- Designed and developed a full-stack auction platform enabling users to browse, bid, and purchase verified antique items in real-time using a secure and transparent bidding mechanism.
- Built with React (Vite) + Redux Toolkit for the frontend and Node.js + Express + MongoDB for the backend, implementing role-based access for admins, sellers, and buyers with JWT authentication.
- Integrated payment gateway, live auction tracking, and analytics dashboard, ensuring seamless user experience, responsive design, and efficient CRUD operations for products and bids.

MedOracle-Medical Chatbot | Python, StreamLit, NLP(SpaCy), KNN, MongoDB, GoogleCloud (Github)

Dec 2024

- Built a multilingual AI chatbot to answer medical queries using NLP and machine learning.
- Integrated voice input and chat history storage using MongoDB and Streamlit.
- Achieved accurate intent recognition across 3+ languages.

Technical Skills

Languages: Python, Java, C++, Dart, JavaScript, SQL

Developer Tools: VS Code, Eclipse, Google Cloud Platform, IntelliJ, Kafka, Flutter

Technologies/Frameworks: Linux, Netty, GitHub, SpringBoot