LOKPAVAN P

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SUMMARY

Entry-level Software Engineer with a B.E. in Computer Science, skilled in Java, Python, C and JavaScript. Hands-on experience in full-stack development, RESTful APIs, and building scalable data pipelines. Passionate about analyzing large conversational datasets, optimizing AI-driven systems, and applying Responsible AI principles.

EDUCATION

- **B.E** in **Computer Science and Engineering**, JSSSTU, Mysore, India — 2023 - 2025
  CGPA: 7.8
- **Diploma** in **Computer Science**, JSS Polytechnic, Mysore, India — 2019 – 2023
  Percentage: 94.32%
- **Matriculate**, Maharshi High School, Mysore, India — 2017 – 2018
  Percentage: 75.84

PROJECTS

Phishing URL Detection — Mar 2024

- Developed an **AI and ML –based** web application for **real-time phishing URL classification** with >**96% accuracy**, integrating rule-based filters and **NLP features** for enhanced detection.
- **Technologies Used:** Python, HTML5, CSS3, JavaScript, PHP, Flask, Regex, Pickle.

HR Management System — June 2024

- The Human Resource Management System is a **robust enterprise solution** developed using **Spring Boot, ReactJS, Maven and MYSQL** designed to Streamline and Automate HR operations
- **Technologies Used:** Java, Spring Boot, React.JS, MYSQL, Maven

Multiple Disease Prediction System 🔗 — Oct 2024

- Built a Scalable **Cloud – Hosted ML** web app to predict diseases like **Heart, Diabetes, Parkinson's** Focused on **real time prediction**, scalability and accessibility for medical professionals.
- **Technologies Used:** Python, Flask, TensorFlow, Keras, OpenCV, Scikit-learn, Streamlit

TECHNICAL SKILLS

- Programming Languages: C, Java, Python.
- Web Technologies: Html5, CSS3, JavaScript, React JS.
- Backend and API's: PHP, RESTful API Development, .NET.
- Database: MySQL, No SQL, PostgreSQL, MongoDB.
- Tools: Git, GitHub, VSCode, Streamlit (cloud-hosted apps), Maven.
- Frameworks: Spring Boot, Flask, Django, TensorFlow, PyTorch, Regex, Pickle, Keras,
- Specialization: Agile Development, SDLC, Requirements Gathering, Documentation (SRS, Functional Specs).
- Networking & Security: TCP/IP, OSI Model, IDS, Cybersecurity, OSINT basics, REST Services, Cybersecurity Fundamentals, Network Programming.
- Systems & Architecture: Distributed systems concepts, fault tolerance, scalability, microservices, REST API.
- AI/ML & NLP: TensorFlow, Keras, PyTorch, Scikit-learn, Regex, NLP preprocessing, basic LLM prompts.
- DevOps & Containerization: Jenkins, Docker, Kubernetes, CI/CD Pipelines.
- Cloud Technologies : GCP (Familiar Exposure).

CERTIFICATES

- Python development Internship at Octanet 🔗 — Aug 2024
- Machine Learning Using Python Course Certification from Infosys 🔗 — June 2025
- GEN AI on GCP Certification from Infosys 🔗 — July 2025
- Network Basics Course Certification from Cisco 🔗 — Sep 2025