

KAMAL KALYAN DODLOGI

Nellore, Andhra Pradesh | 6281329377 | kamalkalyan1260@gmail.com

EDUCATION

SREE VENKATESWARA COLLEGE OF ENGINEERING

Bachelor of Technology

Electronics and Communication Engineering

Cumulative GPA: 8.13/10

Nellore

May 2023

EXPERIENCE

TATA CONSULTANCY SERVICES (TCS) - Software Security Analyst

May 2024 – Present

- Static Application Security Testing (SAST): Conducted code analysis for codebases up to 200,000 lines, identified and addressed over 50 vulnerabilities early in the development cycle.
- Dynamic Application Security Testing (DAST): Performed live testing on 10+ applications, uncovered and resolved 30+ vulnerabilities in real-time environments.
- Client Reporting: Delivered 15 detailed reports with actionable insights and recommendations, contributing to a 10% reduction in security issues within months.

Role Focus: Enhancing software security for aerospace technologies by safeguarding applications against evolving cybersecurity threats.

PROJECTS

CODEGUARDIAN: WEB APPLICATION VULNERABILITY SCANNER (MERN STACK)

Feb 2025

- Built a web application security scanner using React.js, Node.js, Express.js and MongoDB.
- Implemented vulnerability detection for OWASP Top 10 Security risks and provided detailed scan reports.
- Designed a REST API to handle authentication, scanning and reporting with JWT.
- Preview: <https://code-guardian-frontend.onrender.com>

HOTEL MANAGEMENT SYSTEM (JAVA, SERVLETS, JDBC, JSP)

Jun 2024

- Developed a comprehensive Hotel Management System to manage hotel operations such as bookings, customer management and room availability using Java and JSP for a dynamic user interface.
- Implemented Servlets to handle client requests and interactions between the front end and the database, ensuring a seamless user experience.
- Utilized JDBC for efficient database connectivity and data management.

DIABETES DISEASE PREDICTION (MACHINE LEARNING, PYTHON)

Mar 2023

- Developed a machine learning model to predict diabetes disease using five supervised ML algorithms.
- Attained stable accuracy of over 70% in prediction with the engineered model.
- Utilized the K-Nearest Neighbors (KNN) classifier, achieving the highest accuracy of 76%.
- Preview: https://github.com/D-KAMALKALYAN/Final_Year_Project

TECHNICAL SKILLS AND CERTIFICATES

Technical Skills: Java, Python, MySQL, HTML, CSS, Bootstrap. *Familiar:* DSA, JavaScript, NodeJS, ReactJs, Figma.

Certificates: Python (Hacker Rank), MySQL (Hacker Rank), Problem Solving (Hacker Rank).

PROFESSIONAL ENGAGEMENTS

LUMEN TECHNOLOGIES

Hackathon Participant

Virtual Program

Feb 2023

- Contributed to a team effort to design and construct an Event Management System Aligned with the given problem statement.
- Demonstrated expertise in Front-end web development techniques, ensuring a responsive and user-friendly experience for event organizers and attendees.

OASIS INFOBYTE

Front-end Web Development Intern

Virtual Program

Sep 2022 – Nov 2022

- Accomplished a one-month online internship at Oasis info byte, gaining valuable hands-on experience in web development.
- Created front-end web applications using HTML, CSS, and JavaScript, highlighting proficiency in these technologies.

PROFILES AND ACCOMPLISHMENTS

- **Profiles:** [LinkedIn](#), [GitHub](#), [LeetCode](#), [GFG](#), [HacherRank](#).
- **Accomplishments:**
 - **HackerRank:** 4 stars Python, 4 stars MySQL, 3 stars Problem Solving.
 - **Coding:** Active on LeetCode (500+ Problems)
- **Portfolio Website:** <https://kamalkalyan.netlify.app/> - Showcasing my work, achievements, and additional details.