KODI DURGA PAVAN KALYAN

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Jangareddygudem, Andhra Pradesh, India

PROFESSIONAL SUMMARY

Dynamic Software Engineer skilled in **Data Structures & Algorithms**, **Problem-Solving**, and **System Design**. Proficient in **Java, Python, Go** with experience in **Cloud Computing, AI/ML, and Big Data**. Experienced in **agile methodologies, CI/CD, and security** to build scalable, high-performance applications in collaborative environments.

PROJECT EXPERIENCE

- **Movie Recommendation System** *August 2023 - November 2023*
  Tools: MongoDB, Express, React, JavaScript, HTML/CSS
  - **Devised a cutting-edge movie recommendation engine** harnessing machine learning techniques to analyze preference data from over **5,000 users in real time** while ensuring **security** through authentication processes.

- **Stock Management System** *July 2024*
  Tools: Java, JSP, Servlets, JBoss, MySQL, JDBC, HTML/CSS, JavaScript
  - **Engineered a Stock Management System** that streamlined inventory tracking, featuring **user role management** and an intuitive responsive interface, improving efficiency by reducing item retrieval time by **30%**.

- **Feature Extraction from Images** *September 2024*
  Tools: TensorFlow, Python
  - **Architected an advanced feature extraction algorithm** leveraging TensorFlow and Python on a dataset of more than **100,000 images**; this initiative enhanced model accuracy by achieving **notable performance improvements**.

- **AgriValue: Empowering Rural Entrepreneurship through Agriculture** *August 2024 - Present*
  Tools: Spring Boot, Java, Hibernate, MySQL, HTML/CSS, JavaScript
  - **Developed a full-stack application** supporting farmers, enhancing value-added products, and promoting rural entrepreneurship; facilitated improved agricultural practices that **increased profitability for over 200 local farms**.

EDUCATION

- **KL University** *2022 - Present*
  B. Tech in Computer Science and Engineering Vijayawada, India
  - CGPA: 9.77/10

- **Surya Junior College** *2020 - 2022*
  Intermediate - Mathematics, Physics, Chemistry Jangareddygudem, India
  - Marks: 627/1000

- **Surya High School** *2019 - 2020*
  Secondary Education Jangareddygudem, India
  - Marks: 600/600

TECHNICAL SKILLS

- **Programming Languages:** Java, Python, Go, C++, JavaScript, C
- **Core Skills:** Data Structures & Algorithms, Problem-Solving, System Design, OOPS, Operating Systems
- **Software Development:** Full-Stack Development, APIs, Microservices, Scalability, Security, Automation
- **Development Stack:** Spring Boot, MERN, Django, SQL (MySQL, PostgreSQL), Big Data, Cloud Computing
- **Cloud & Infrastructure:** AWS (EC2, S3), Docker, Kubernetes, Terraform, CI/CD Pipelines, Application Resiliency
- **Web & Backend Technologies:** React.js, Node.js, Express.js, Django, RESTful Services
- **Tools & Technologies:** Git, GitHub, Agile Methodologies, Power BI, HTML, CSS

SOFT SKILLS

- **Problem-Solving**
- **Teamwork & Collaboration**
- **Communication & Adaptability**

GLOBAL CERTIFICATIONS

- **Oracle Cloud Infrastructure 2024 Generative AI Certified Professional** *Valid till: July 2026*
- **Microsoft Certified: Azure AI Fundamentals (AI-900)** *Valid till: June 2026*
- **Red Hat Certified Enterprise Application Developer** *Valid till: Oct 2026*
- **Oracle Cloud Infrastructure 2023 Certified Data Science Professional** *Valid till: Sept 2025*

CODING PROFILES

- **LeetCode**
- **HackerRank**
- **CodeForces**