Chandu Reddy Kanchanagari

Puttaparthi, Andhra Pradesh

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Summary

Proactive and quick learner with a strong analytical mindset, skilled in Java, SQL, and full-stack development. Experienced in developing and testing innovative software solutions while following best practices and the software development lifecycle. Adept at problem-solving and system analysis, ensuring the successful execution of projects. Passionate about building scalable, efficient systems with a keen interest in IoT, machine learning, and automation.

Technical Skills

Java| Python | DBMS | Problem solving |OOPS| Data structures and Algorithms | MySQL| Machine Learning | REST API | Spring Boot| Postman (API Testing) | IntelliJ IDEA(IDE)| Git, GitHub (Version Control)

Education

Sree Vidyanikethan engineering College	**CGPA: 8.7/10**	**Tirupati**
Bachelor of Technology, Electronics and Communication engineering		*Nov-2021– May 2025*
Narayana junior College	**Percentage:96.2**	**Tirupati**
Intermediate, MPC		*Jun 2019– April 2021*

Projects

Online E-Commerce System

- Developed an e-commerce platform with features such as product listings, user authentication, and payment gateway integration.
- Utilized IntelliJ IDEA as the primary IDE for development and Postman for testing and validating the APIs.
- Designed and built RESTful APIs for product management and user data handling.
  Technologies: **Java, Spring Boot, Maven, MySQL, RESTFul Web Services,Postman**

Employee Management System

- Developed a web-based application for managing employee data, attendance, and performance tracking.
- Implemented RESTful APIs for backend communication using Java and Spring Boot with MySQL for data storage.
- Used IntelliJ IDEA for development and Postman for API testing.
  Technologies: **Java, Spring Boot, MySQL, RESTful APIs, IntelliJ IDEA, Postman**

Real-Time Wildlife Tracking and Anomaly Detection Using YOLOv8

- Developed a real-time wildlife tracking and anomaly detection system using YOLOv8 for object detection.
- Implemented a live video stream analysis to track wildlife movements and detect unusual behavior.
- Integrated model with a dashboard for real-time tracking and alerts.
  Technologies: **Python, YOLOv8, OpenCV, Deep Learning, Real-Time Systems**

Work Experience

Java Full Stack Developer (Virtual Internship)   *Jul 2024– Sep 2024*

- Completed a Java Full Stack Developer virtual internship program by AICTE EduSkills, focusing on front-end and back-end integration.
- Developed and tested RESTful APIs using Java and integrated them with MySQL for data management.
- Collaborated with a team to create a fully functional web application, enhancing skills in both front-end and back-end technologies.

Certifications

- MePro Pearson - Dec 2023
- Cisco Networking Academy - Feb 2024
      PCAP (Programming Essentials in Python)
      Networking Essentials
- Google Project Management -Dec 2024

Achievements

- Solved 300+ coding problems on LeetCode, enhancing problem-solving and algorithmic skills.
- Co-authored and published a conference paper on Real-Time Wildlife Tracking and Anomaly Detection Using YOLOv8 in IEEE Xplore.