KINNERA NAVEEN

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GitHub |LeetCode

OBJECTIVE

Motivated Computer Science student with strong skills in Java, OOP, SQL, and basic DSA, focused on building efficient and scalable software solutions. Familiar with the MERN stack and passionate about applying core computer science principles to real- world projects. Committed to continuous learning and contributing to impactful, high-quality technology.

EDUCATION

Kalasalingam Academy of Research and Education, Krishnan Koil — **2022 – 2026**
Bachelor of Technology in Computer Science and Engineering (**CGPA** – 8.22/10.0) — [*Virudhunagar, T.N.]*

Sri Chaitanya Junior College — **2020-2022**
(**Percentage**: 94.%) — [Nellore, *A*.P]

S.S.C ZPHS SCHOOL — **2016 – 2020**
Secondary School Certificate (Percentage: 83.3%) — [Marripadu , *A*.P]

SKILLS

- **Technical Skills:** Java ,SQL, Python, HTML,CSS
- **Areas of Interest**: Object-Oriented Programming (OOP) , SQL, Data structures and Algorithms (Basic DSA) , Web Development
- **Libraries /Frameworks:** React Js , Express Js , Node Js
- **Tools/Platforms**: Visual Studio code, Google Colab ,Git, GitHub, Postman , Jupyter Notebook

PROJECTS

Bank Management System | Java , JDBC , SQL — **Link**

- Developed a GUI-based banking application with account creation, deposits, withdrawals, and transaction history.
- Applied Object-Oriented Programming (OOP) principles to ensure modular, reusable, and maintainable code.
- Integrated MySQL with JDBC for secure CRUD operations and reliable data management..

Technical Skills : Java, OOP, JDBC, SQL

Fall Detection and Alarm System | Python, OpenCV, YOLOv10 — **Link**

- Designed and implemented an AI-powered fall detection system to enhance elderly safety by detecting falls in real time.
- Optimized real-time image processing using OpenCV for accurate fall detection.
- Integrated automated alerts to notify caregivers immediately after fall detection, ensuring faster emergency response.

Technical Skills : Python, OpenCV, YOLOV10 , PyCharm

Collage connect |MERN | Lightweight ML — **Link**

- College Connect is a MERN stack web application for managing complaints, appointments, and leave requests in colleges.
- Implemented a lightweight ML module for issue classification, sentiment analysis, and priority prediction.
- Built a secure backend with Node.js, Express, MongoDB, and JWT authentication for effective issue management.

Technical Skills : MERN Stack , HTML,CSS,

ACHIEVEMENTS

- Paper Publication on "A Real-Time Vision-Based Fall Detection System Using YOLOv10 and Deep Learning for Ensuring Elderly and Patient Safety " IEEE, 2025. (Link)
- Hackathon Finalist: Ranked in the top 10 out of 200 + participants (2024) for developing an AI-driven solution.
- Full Stack Web Development, Udemy 2024 (**Link**)
- Code chefs Rating : 1204 , **Profile**

LANGUAGES & ACTIVITIES

- English (Professional), Telugu (Native), Hindi (Intermediate)
- Actively participating in Leet Code contests, coding competitions, and hackathons.
- Continuously learning and adapting to new technologies to stay industry-relevant.