

# KINNERA NAVEEN

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[GitHub](#) | [Portfolio](#) | [GeeksforGeeks](#)

## OBJECTIVE

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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

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<b>Kalasalingam Academy of Research and Education, Krishnan Koil</b>	2022 – 2026
Bachelor of Technology in Computer Science and Engineering (CGPA – 8.42 /10.0)	[Virudhunagar, T.N.]
<b>Sri Chaitanya Junior College</b>	2020-2022
Class XII - 940/1000	[Nellore, A.P]
<b>S.S.C ZPHS SCHOOL</b>	2016 – 2020
Secondary School Certificate - 500 / 600	[Marripadu, A.P]

## SKILLS

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**Languages :** Java , Python , JavaScript , SQL

**Frontend :** HTML , CSS , React.js

**Backend :** Node.js , Express.js , Flask

**Databases :** MongoDB , MySQL

**Technologies :** Cloud Fundamentals , RESTful API , JWT Authentication , Machine Learning

**Tools/Platforms:** Visual Studio code , Git ,GitHub, Postman

## PROJECTS

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### Bank Management System | Java , JDBC , SQL , Swing 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.

### Fall Detection and Alarm System | Python, OpenCV, YOLOv10 , PyGame 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.

### Campus Connect | HTML, CSS, React.js , MONGODB , Node.js , 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.

## CERTIFICATIONS

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- Java Certificate - Apna Collage | [Link](#)
- Full Stack Web Development, Udemy 2024 | [Link](#)
- SQL Certificate - Code chef | [Link](#)

## ACHIEVEMENTS

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- 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.
- Code chefs Rating : 1204 | [Profile](#)