

# MILANI NAYAK

Software Developer

✉ milaninayak123@gmail.com • 📞 +91-8144100081 • 📍 Gurugram, India • 🐙 Github • 🔗 LinkedIn

## SUMMARY

I am a passionate and motivated software developer with a strong foundation in backend technologies and a keen interest in building high-quality products. I enjoy solving complex problems and continuously expanding my knowledge to create efficient and impactful solutions

## EXPERIENCE

### Intern at Zenarate

Jan 2025 - Present

- **Tested Conversational AI Flows:** Evaluated voice assistant and chatbot interactions to ensure smooth conversational experiences.
- **Managed Intents & Data:** Handled intents, seeded data, and optimized training models for improved performance.
- **Designed User Stories:** Created both guided and unguided stories to enhance user interactions.

### Intern at Silicon Tech Lab

Jun 2024 - Jul 2024

- **Data Integration and ETL Processes:** Utilized Pentaho to connect to the college's PostgreSQL database, performing SQL queries to extract, transform, and load (ETL) data for analysis, ensuring data quality and preparation.
- **Data Cleaning and Visualization:** Applied DAX for data cleaning and preparation, followed by creating interactive PowerBI dashboards to present KPIs and insights with a focus on effective design and best practices.

## EDUCATION

### Bachelor of Technology in Computer Science and Engineering

Oct 2021 - Jun 2025

Kalinga Institute of Industrial Technnology

## SKILLS

HTML5/CSS3

JAVASCRIPT

REACTJS

NODEJS

GIT

C/C++

MULTI-THREADING

TCP/IP

SQL

POWERBI

## PROJECTS

### GradMemoir [🔗](#)

An interactive platform that enables university graduates to document and share their projects, courses, and achievements. It allows students and others to explore posts, gaining insights and guidance from graduates' experiences. Built with ReactJS, NodeJS, Express, and MongoDB, the platform offers a feature-rich design to foster engagement and learning.

### Building a Multi-Threaded Proxy Web Server with C and LRU Caching [🔗](#)

Developed a multi-threaded proxy web server in C using socket programming, implementing LRU caching to optimize performance. Utilized multi-threading to handle concurrent client requests and improve server responsiveness. The project integrates key concepts like caching, socket communication, and error handling to build a functional, efficient web server.

## PUBLICATIONS

### A Systematic Study On Emerging CWSN and Associated Security Issues

Published in ESIC 2024, Publisher: IEEE [Link](#)

Conducted a systematic study on emerging Cognitive Wireless Sensor Networks (CWSN) and associated security issues. Focused on encryption, authentication, and intrusion detection to enhance network security. Demonstrated practical applications that increased reliability and effectiveness of CWSNs