



# BOSHINI TP

## Contact:

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Portfolio: <https://boshini.vercel.app/>

## Objective:

Enthusiastic engineering graduate eager to learn, adapt, and contribute in a professional environment.

## Technical Skills:

- Languages & Framework: Java, Spring Boot, React.js
- Database & Tools: PostgreSQL, SQL, GitHub, Postman
- Other Skills: SDLC, OOP, Data Structures, Debugging

**Soft Skills:** Collaborative, Co-ordination, Problem-Solving, Adaptability

## Education:

### Bachelor of Technology in Information Technology

KLN College of Engineering – Final CGPA: 8.42

**July 2021 - May 2025**

### Higher Secondary Certificate(HSC)

OCPM Girls Higher Secondary School - Final percentage: 89.13%

**June 2020 – April 2021**

### Secondary School Leaving Certificate(SSLC)

OCPM Girls Higher Secondary School - Final percentage: 85.2%

**June 2018 – March 2019**

## Projects:

### Personal Expense Tracker

**Technologies : Java, Spring Boot, Spring Data JPA, PostgreSQL, HTML, CSS, Java Script**

- Developed a full stack expense tracking web application using Spring Boot, React, and PostgreSQL to manage income and expense records.
- Designed RESTful APIs and implemented CRUD operations for transactions, categories, and financial data persistence.
- Built a relational database schema with JPA/Hibernate to ensure efficient data storage and retrieval.
- Created an intuitive dashboard to help users monitor spending patterns and make informed financial decisions.

### Analyzing Dynamic Asteroids and Hazard Visualization

**Technologies: Python, Machine Learning, TensorFlow, Scikit-learn, NLP**

- Built ML models using NASA NEO datasets to classify asteroid hazard levels.
- Performed feature engineering, preprocessing, model tuning, and visualization.
- Designed interactive dashboards for trajectory & risk analysis.

## Internship:

Developer Intern – Hexaware Technologies

March 2025 – Oct 2025  
Chennai, India

Worked on an internal enterprise “ATM Tool” project used for employee data processing and reporting.

- Developed REST APIs for employee tracking, skill updates, and bench-exit reporting.
- Built Excel ingestion pipelines processing **25,000+ records** with validation, duplicate detection, and exception handling.
- Automated analytical reports for bench exit and competency mapping.
- Optimized SQL queries and backend data flows to improve system performance.
- Performed unit and functional testing; collaborated in Agile sprints using Git..

## Publications:

- Published research on **Analyzing Dynamic Asteroids and Hazard Visualization** at a National conference.
- Published research on **Digital Agriculture** in the National Conference.

## Certifications:

- Certified and awarded as a **BEST PERFORMER** in Cyber Security by PROMPT INFOTECH
- Certified in **Affective Computing (Elite Score)** – NPTEL
- Certified in Java Spring Framework – Udemy