



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
- 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

July 2021 - May 2025

KLN College of Engineering – Final CGPA: 8.42

June 2020 – April 2021

Higher Secondary Certificate(HSC)

OCPM Girls Higher Secondary School - Final percentage: 89.13%

June 2018 – March 2019

Secondary School Leaving Certificate(SSLC)

OCPM Girls Higher Secondary School - Final percentage: 85.2%

Projects:

ATM Tool – Internal Enterprise Application

Technologies : Java, Spring Boot, Spring JDBC, PostgreSQL, Apache POI, Swagger, Tomcat

Built and maintained a production-level internal application for managing employee data and movement tracking.

- 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..

Analyzing Dynamic Asteroids and Hazard Visualization

Technologies: Python, Machine Learning, TensorFlow, Scikit-learn, NLP, Data Analytics, Data Preprocessing

- 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 – Sep 2025
Chennai, India

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

- Built workflow modules using **Java + Spring Boot** for employee movement and reporting.
- Implemented end-to-end Excel ingestion pipelines with validations and RESTful integrations.
- Improved data accuracy and minimized processing failures through debugging and structured error handling.
- Participated in daily stand-ups, sprint planning, code reviews, and documentation.

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.