



BOSHINI TP

Contact:

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

Objective:

Enthusiastic engineering graduate with a strong foundation in Java, development fundamentals, and problem-solving, eager to learn and contribute effectively in a professional technology environment.

Technical Skills:

- Frontend: React.js
- Backend: Java, Spring Boot, REST API
- Database & Tools: PostgreSQL, SQL, GitHub, Postman, Swagger, RDBMS
- Other Skills: SDLC, OOP, Data Structures and Algorithms, Debugging

Soft Skills: Collaborative, Problem-Solving, Fast Learning, Adaptability

Education:

Bachelor of Technology in Information Technology

July 2021 - May 2025

KLN College of Engineering – Final CGPA: 8.42

Higher Secondary Certificate(HSC)

June 2020 – April 2021

OCPM Girls Higher Secondary School - Final percentage: 89.13%

Secondary School Leaving Certificate(SSLC)

June 2018 – March 2019

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.
- Designed backend logic to upload, validate, and process **25,000+ Excel records** with accurate field mapping.
- Implemented robust features including **duplicate detection, data validation, exception handling, and modular pipelines.**
- Automated analytical reports for **bench exit, competency mapping, and workforce insights.**
- Improved system performance by **optimizing SQL queries** and refactoring backend data flows.
- Performed basic unit testing and functional testing during feature development to ensure reliability.
- Collaborated with cross-functional teams following **Agile**, Git-based version control, and sprint-driven delivery.

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
- Certification in **Data Visualization** in Empowering Business with Effective Insights by TATA GROUP.
- **Certified in Affective Computing (Elite Score)** – NPTEL.