BOSHINI TP

Contact:
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Portfolio: https://boshini.vercel.app/

Objective:

Enthusiastic fresher with strong analytical skills, hands-on experience in development, and a passion for building scalable solutions. Committed to learning, adapting, and delivering high-quality results within fast-paced teams.

Technical Skills:

- Frontend: React.js, JavaScript, HTML, Tailwind CSS
- Backend: Java, Spring Boot, REST API, Hibernate
- Database & Tools: PostgreSQL, SQL, GitHub, Postman, Swagger
- Other Skills: Windows, SDLC, OOP, Data Structures, Debugging

Soft Skills: Collaborative, Public Speaking, Team Management, Co-ordination, 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.
- 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, Model Optimization, 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.