PENUMALLA BADRI NAGA AMAR

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CAREER OBJECTIVE

Analytical student with a background in AI & Data Science and hands-on training as a **Java Full Stack Intern**. Built a machine-learning–based **Cardiovascular disease risk prediction** tool with an interactive GUI for real-time risk assessment. Proficient in **Web Development, ReactJS, Core Java, Hibernate, and SQL**, with practical experience building interactive user interfaces.

EDUCATIONAL SUMMARY

B.Tech in Artificial Intelligence and Data Science   *2022 – 2025*
Nalla Malla Reddy Engineering College, Hyderabad   *CGPA: 7.36*

Diploma in Mechanical Engineering   *2019 – 2022*
Govt. Polytechnic, Nalgonda   *CGPA: 7.83*

Board of Secondary Education (SSC)   *2019*
S.T. Ann's High School, Hyderabad   *CGPA: 8.3*

SKILLS

Programming Languages: Core Java, OOPs, SQL, Python
Front-end Technologies: HTML, CSS/Tailwind CSS, JavaScript, Responsive Web Design, ReactJS
Databases: MySQL, PostgreSQL, DBMS Concepts
Backend Technologies: JDBC, Hibernate
Tools & Platforms: MS Office, Git, GitHub, VS Code, Eclipse IDE, Postman
Soft Skills: Problem-Solving, Communication, Teamwork, Time Management

PROJECTS

Online Bakery E-Commerce Platform   **Tech:** HTML, CSS, JavaScript

- Developed "Heavenly Bakes", a modern bakery website featuring menu, about, and contact pages.
- Implemented a functional contact form along with a product catalog and basic cart functionality.
- Built using HTML, CSS, and JavaScript for a clean and user-friendly interface.

CardioPrognosis – Disease Risk Prediction   **Tech:** Python, Flask

- Developed and implemented machine-learning classification models using clinical dataset to predict the likelihood of cardiovascular disease based on user-inputted parameters.
- Designed an interactive GUI for real-time user input and dynamic result visualization.

INTERNSHIPS

Java Full Stack Intern, QSpiders/JSpiders   *Feb 2025 – Dec 2025*

- Mastered object-oriented programming principles and advanced concepts in Core Java.
- Gained proficiency in building and managing relational databases using MySQL and PostgreSQL.
- Developed foundational front-end skills in HTML, CSS, JavaScript & ReactJS for creating user interfaces.