

Deepa M

bit.ly/Deepa-portfolio | Software Engineer
deepamurugan2112@gmail.com | +91 63696 55350

EDUCATION

VELS UNIVERSITY

BCA - GENERAL

2023-2026 | CGPA: 9.36/10.0

DAV - SARADA

EASHWAR VIDYALAYA

HSE - BUSINESS MATHEMATICS

Grad. May 2023 | Cum Per : 95.8

LINKS

Github:// [deepa-m-dev](#)

LinkedIn:// [deepa-mofficial](#)

LeetCode:// [Deeps_M](#)

SKILLS

Programming Languages: Python, Java, JavaScript, SQL, HTML, CSS

Frameworks/Libraries: Flask, SpringBoot, React, Bootstrap, REST APIs

Machine Learning / Data Libraries:

Pandas, NumPy, Scikit-Learn, XGBoost, Matplotlib, Seaborn

Databases & Tools: MySQL, SQLite, Git

COURSEWORK

Data Structures and Algorithms

Operating Systems

Mathematics and Statistics

Web Development

Relational DataBase Administration

Object Oriented Programming(OOP)

ACHIVEMENTS

CODING

Solved 100+ algorithmic challenges on LeetCode, enhancing problem-solving skills, data structures, SQL and coding efficiency under time constraints.

ACADEMICS

- Achieved 4 academic honors for perfect scores in Accounts, Commerce, and Economics (Grades 11-12).
- Ranked 1st in Grade 12, receiving the School Excellence Award.
- Secured 3rd rank in 1st-year BCA, awarded a Merit Scholarship.

PROJECTS

HIRE AI | AI HIRING & RECRUITMENT INTELLIGENCE SYSTEM

PYTHON, FLASK, XGBOOST, SCIKIT-LEARN, PANDAS,

NUMPY, SEABORN, SQLITE

GitHub: [deepa-m-dev/AI-Hiring-System](#) | Live Demo

- Built an AI-powered recruitment platform to predict candidate hiring probability using **XGBoost classification**.
- Developed an end-to-end ML pipeline with **data preprocessing, feature engineering, SMOTE balancing, model training, and evaluation**.
- Designed an analytics dashboard and integrated **SQLite + Flask** for candidate insights, prediction tracking, and deployment.

SMART OBSERVABILITY & API MONITORING PLATFORM

PYTHON, FLASK, SQLITE, PANDAS, MATPLOTLIB

GitHub: [deepa-m-dev/smart-observability-platform](#) | Live Demo

- Built a real-time observability platform to collect API logs, monitor system health, and analyze backend performance
- Developed an analytics engine using **Pandas + Matplotlib** for traffic trends, failure tracking, response-time analysis, and health scoring.
- Implemented **REST APIs, traffic simulation, and SQLite integration** for live monitoring, log storage, and CSV report generation.

STUDENT MANAGEMENT SYSTEM

JAVA, SPRINGBOOT, MYSQL, THYMELEAF, HTML, CSS, BOOTSTRAP

GitHub: [deepa-m-dev/student-management-system](#)

- Developed a CRUD web application to manage student records using Spring Boot and Thymeleaf.
- Implemented Controller-Service-Repository architecture and integrated MySQL database using Spring Data JPA.
- Designed a responsive UI with Bootstrap for smooth user interaction.

EXPERIENCE

S.R.BATLIBOI & CO. LLP | MEMBER FIRM OF EY (ERNST & YOUNG)

Duration: 12/2025 - 03/2026 | Chennai, India

ASSURANCE ANALYST TRAINEE

- Supported audit engagements for NCR (North India) and OLAM (Singapore) client teams, contributing to global financial reporting workflows.
- Worked on TB, COA, and GL data reconciliation using Alteryx and advanced Excel to ensure data accuracy and consistency.
- Handled end-to-end audit data workflows including data preparation, cube creation, dashboard generation, and reporting delivery.
- Ensured data quality and compliance by identifying inconsistencies and maintaining accuracy across large financial datasets.
- Assisted in preparing audit documentation, client communications, and L1/L2 review support for timely project closure.