Megha A J

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[Linkedin](#) · **[Github](#)** · **[Leetcode](#)**

WORK EXPERIENCE

Software Engineering Intern - Fidelity Investments   **May-July 2025**

- Developed a dynamic and responsive web application using HTML, CSS, JavaScript, TypeScript, and Angular for the frontend interface.
- Implemented robust backend services with Spring Boot, handling and integrating 3 RESTful APIs with business logic, and data persistence.
- Configured Apache Camel routes to handle diverse message formats and protocols, ensuring interoperability between internal applications and external partner systems; reduced integration errors by 15%.

EDUCATION

B.E - Artificial Intelligence and Machine Learning (CGPA: 9.2)   **2022-2026**

Bangalore Institute of Technology

Class 12 , Indian School Certificate (ISC) Science Grade: 93%   **2022**

St. Joseph's Boys' High School

Class 10 Grade: 97.6% (School Topper)   **2020**

St. Francis School (ICSE)

PROJECTS

Customer Churn Prediction using Artificial Neural Networks (ANN) | TensorFlow, Keras, Scikit-learn

- Developed and deployed a deep learning-based churn prediction model using TensorFlow/Keras, achieving 85% accuracy on the Telco Customer Churn dataset.
- Applied data preprocessing (feature encoding, missing value handling, feature scaling) and feature engineering to enhance predictive performance.
- Implemented class imbalance handling (SMOTE, class weighting) and hyperparameter tuning (learning rate, layers, dropout) to improve model recall for churned customers.
- Evaluated model using precision, recall, F1-score, and ROC-AUC, enabling data-driven retention strategies for high-risk customers.

SKILLS

Languages: C, Python, Java, HTML, CSS, TypeScript, SQL
Web & Frameworks: Angular, Spring Boot, Apache Camel, JEST, Streamlit, MongoDB, GitHub
Data & Visualization Tools: Power BI, Tableau
Coursework: Object-Oriented Programming, Data Structures, Algorithms, Operating Systems, Database Management Systems, SQL, Artificial Intelligence, Machine Learning, Natural language processing, CN
Problem Solving (Java): Solved 300+ problems on LeetCode and GeeksforGeeks

CERTIFICATIONS

- Introduction to Large Language Models
- Introduction to Generative AI Attention Mechanism