

GABRIEL JACOB MARTIN

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Career Objective

Motivated and eager to begin my career in software development with a company where I can contribute, learn, and grow over time. Dedicated to delivering high-quality solutions through strong problem-solving abilities, effective communication, and excellent time management skills. Passionate about creating impactful software while maintaining a positive approach to challenges.

Education

- ❖ **MASTER OF COMPUTER APPLICATIONS**
Loyola Academy Degree and PG College | 2024 | 87.86%
 - ❖ **B.Sc. (Computer Science)**
Siddhartha Degree & PG College | 2022 | 89%
 - ❖ **Intermediate (MPC)**
NRI Junior College | 2019 | 84.8%
 - ❖ **10th SSC**
St. Alphonsa's High School | 2017 | 85%
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Training

- **Java Fullstack** | 360digrii | Duration: 5 Months
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Technical Skills

- ❖ **Programming Languages:** C, Java, Python
 - ❖ **Frameworks:** Hibernate, Spring, Spring Boot, Bootstrap
 - ❖ **APIs:** RESTful APIs
 - ❖ **Scripting Languages:** JavaScript
 - ❖ **Query Languages:** SQL, PL/SQL
 - ❖ **Web Technologies:** HTML, CSS, Node.js, React.js
 - ❖ **Databases:** Oracle, MongoDB, MySQL
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Soft Skills

- ❖ **Problem-Solving:** Experienced in analyzing and resolving complex challenges during project development.
- ❖ **Team Collaboration:** Worked effectively in diverse teams during internships and academic projects.
- ❖ **Communication:** Skilled in presenting technical ideas clearly and concisely.
- ❖ **Adaptability:** Quick to learn and apply new tools and technologies as needed.
- ❖ **Time Management:** Successfully delivered projects and tasks within deadlines.
- ❖ **Critical Thinking:** Strong ability to analyze requirements and implement effective solutions.

Academic Projects

Heart Sound Classification using Deep Learning

Technologies: Python, LSTM, CNN

- Developed a **heart sound classification system** that uses **LSTM** and **CNN** to detect heart diseases from audio data.
 - **Data preprocessing** included noise reduction and normalization, while **feature extraction** focused on frequency analysis for more accurate predictions.
 - The system classifies heart sounds as normal or abnormal, facilitating early detection of heart conditions.
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Partial Traffic Reduction Application

Technologies: Java Swing, AWT

- Built a **real-time traffic information system** that predicts traffic levels and optimizes routes to reduce congestion.
 - **Traffic Prediction**: Displays traffic levels (Heavy/Medium/Light) for selected roads, with a direct link to **Google Maps** for real-time updates.
 - **Path Mapper**: Visually maps routes between start and destination using arrows, providing a clear route overview.
 - **Safety Alerts**: Provides notifications about road closures, accidents, and hazards to ensure safe travel.
 - **Public Transport Options**: Suggests nearby public transport routes to reduce congestion.
 - **Parking Availability**: Shows available parking spots in real-time to help users easily find parking.
 - **Weather Report**: Integrates live weather updates to help users plan their travel based on weather conditions.
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Internships

- ❖ **IBM BPM Intern | Tecnic Integration Technologies Pvt Ltd | Mar 2025 – June 2025**
 - Managed and optimized automated business workflows using IBM BPM tools.
 - Enhanced operational efficiency through workflow automation and data-driven business processes.
 - ❖ **Web Developer Intern | Embrizon Technologies | Apr 2024 – Jun 2024**
 - Developed a responsive website for “TechVolution 2024” using HTML, CSS (Bootstrap), and JavaScript.
 - ❖ **Deep Learning Intern | Pantech e Learning | Apr 2024 – Jun 2024**
 - Built a heart sound classification system using LSTM and CNN in Python.
 - Achieved high accuracy in categorizing heart sound recordings.
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Certifications

- **Data Analytics with Python** (NPTEL IIT Roorkee | Jan-Apr 2023)
- **Programming in Java** (NPTEL IIT Kharagpur | Jul-Oct 2023)
- **Data Visualization with Tableau** – Pantech eLearning (March 22, 2024)

Hobbies

- Watching thought-provoking movies to relax and gain creative insights.
- Exploring diverse subjects to expand my knowledge and perspectives.
- Reading books on personal and professional growth to enhance my knowledge and communication skills.
- Keeping up with emerging technologies to stay updated with industry trends.
- Engaging in strategy-based games to strengthen problem-solving and decision-making abilities.
- Sharing knowledge through teaching to help others learn, grow, and develop a deeper understanding of concepts.

Personal Profile

- **Father's Name:** Gabriel Gabriel
- **Mother's Name:** Gabriel Rani
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