

# Gowtham RJ

Bengaluru, India / gowthamrj762004@gmail.com / 6366882800 / [www.linkedin.com/in/gowtham-rj](https://www.linkedin.com/in/gowtham-rj)  
[www.github.com/gowthamrj004](https://www.github.com/gowthamrj004)

Software engineer skilled in building scalable, user-centric applications across front-end and back-end systems. Experienced in developing responsive interfaces and integrating databases using tools like Node.js, MySQL, and JavaScript. Committed to writing maintainable code and delivering measurable results.

## Education

---

**Reva University**, B.Tech - Computer Science and Information Technology Sept 2022 – Sept 2026

- **GPA:** 8.08
- **Coursework:** Computer Architecture, Machine Learning, Data Structures and Algorithms, Object-Oriented Programming(OOP), Database Management Systems, Operating Systems, Computer Networks.

**Miranda PU College**, PUC - II (PCMC) Graduated: June 2022

- **Grade:** 81.8%
- **Coursework:** Major in Computer Science, Mathematics, Physics and Chemistry

## Projects

---

**Fingerprint Scanner Attendance System** Oct 2023 – Dec 2023

- Tools Used: Arduino IDE, HTML, CSS, JavaScript, Node.js, MySQL, REST API.
- Reduced attendance errors by 30% through biometric-based automation.
- Improved attendance tracking efficiency by 40%.
- Designed a user-friendly interface enabling 15% faster logins and better user experience.

**Sentiment Analysis using NLP** Jan 2025 – May 2025

- Tools Used: Python, BERT, RoBERTa, Gradio, Whisper .
- Built a multi-modal sentiment analyzer for text and speech inputs.
- Achieved 94.8% accuracy using ensemble emotion models and sarcasm detection.
- Improved analysis of informal content via emoji and slang interpretation.

**Online College Seat System Allotment System** Jan 2024 – Mar 2024

- Tools Used: Java, MySQL, Maven, NetBeans.
- Developed a seat allocation feature that automated scheduling based on application deadlines, reducing manual work.
- Reduced manual processing time by 70%, handling over 500 simulated applications.
- Enabled IDE-independent deployment via executable JAR with Maven.

## Technologies

---

**Languages:** C++, C, SQL, Python

**Web:** HTML, CSS, JavaScript, Bootstrap

**Frameworks/Libraries:** Node.js, Express.js

**Database:** MySQL, PostgreSQL, Firebase

**Tools & Platforms:** GitHub, VS Code, Eclipse, Arduino IDE

## Key Strengths

---

**Problem-solving:** Contributed solutions to technical challenges that helped improve system performance and reliability.

**Collaboration:** Worked effectively with cross-functional teams to meet project deadlines and goals, ensuring project success.