

# Gowtham P

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Portfolio: <https://gowtham6233.github.io/Portfolio-website/> | GitHub: <https://github.com/GOWTHAM6233> | Dindigul, Tamil Nadu

## PROFESSIONAL SUMMARY

**Aspiring Software Developer with strong skills in Java, JavaScript, and SQL**, currently training in the **MERN stack** (MongoDB, Express.js, React, Node.js). Experienced in building responsive web and desktop applications using **JavaFX, Spring Boot, and HTML/CSS/JavaScript**. Adept at designing scalable backend logic and integrating real-time data using REST APIs. Passionate about creating clean, efficient, and user-friendly applications that solve real-world problems. Seeking to contribute to a dynamic team environment and apply software engineering principles in building impactful solutions.

## SKILLS

**Programming:** Java, JavaScript, Typescript, React.js, Node.js

**Web:** HTML, CSS, Bootstrap, Spring Boot, PostgreSQL, Object-Oriented Programming (OOP), CRUD Operations, MongoDB

**Developer Tools:** Git, GitHub, VS Code, Eclipse, NetBeans

**Soft Skills:** Problem-solving, Clear Communication, Teamwork, Continuous Learning

## PROJECTS

### To-Do List application (Java, PostgreSQL)

- Built a feature-rich To-Do List application using Java and JavaFX for desktop use.
- Connected the app to a PostgreSQL database for storing tasks and user data persistently.
- Added smart features like task reminders, sorting by priority/date, and drag-and-drop.
- Enhanced UI/UX with clean layout, better controls, and improved task management flow.

### Temperature Calculation & Weather Forecasting (HTML, CSS, JavaScript)

- Developed a web-based temperature calculator integrating real-time weather data.
- Implemented JavaScript to fetch and process live weather information.
- Enhanced user experience with an intuitive UI.
- Designed a user-friendly interface with responsive layout and clean styling for better usability.

### Human Violence Detection Using Deep Learning Techniques (YOLOv8, Fast API)

- Developed a Human Violence Detection system using deep learning models like YOLOv8 and Inception-v3.
- Trained the models on a surveillance video dataset to detect and classify violent activities accurately.
- Implemented Fast API for building a lightweight backend to support real-time video analysis.
- Designed the system for potential use in smart surveillance, security monitoring, and public safety.

## PROFESSIONAL EXPERIENCE

### Dr. Reddy's Foundation – GROW Tech Program

June 2025 – Present

*Trainee – MEAN Full Stack Developer*

*Full Time*

- Currently undergoing full-time intensive training in **MongoDB, Express.js, Angular, and Node.js**.
- Building production-ready full-stack applications with a focus on modular architecture and responsive UI.
- Developing real-world project features using Angular and TypeScript in collaborative sprints.
- Gaining practical experience in responsive UI design, backend integration, and team collaboration.

## EDUCATION

### Mahendra Engineering College, Namakkal

July 2021 – May 2025

– *Bachelors in Computer Science & Engineering*

*Percentage: 76.90%*

## CERTIFICATIONS

- **IoT** – NPTEL (Top 25%, Score: 76%)
- **Cloud Computing** – NPTEL (Score: 71%)
- Java Full Stack Certification - Wipro Tele Next

July 2021 – May 2025

## LANGUAGES & INTERESTS

**Languages:** English (Professional), Tamil (Native)

**Interests:** Learning New Technologies, Automotive Software Engineering, Learning AI + Automation