

# THARUNKUMAR T

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## Professional Summary

I'm a Computer Science graduate with hands-on experience across frontend development, machine learning, and Python backends through 3 internships at IBM SkillsBuild and Joy Innovations. Proficient in Java, Python, JavaScript, React.js, SQL, REST APIs, and Git. Seeking a fresher Software Engineer or Associate Developer role to contribute from day one and grow with a collaborative team.

## Skills

**Languages:** Java | Python | JavaScript (ES6+) | C / C++ | SQL | C# / ASP.NET

**Frontend:** React.js | TypeScript | HTML5 | CSS3 | Responsive Design

**Backend & Database:** Node.js | REST APIs | MySQL | Django | Flask

**Tools & Concepts:** Git & GitHub | Figma | Postman | DSA | OOP | DBMS | Operating Systems

## Work Experience

**Frontend Developer Intern** — *Edunet Foundation – IBM SkillsBuild*

August – September 2025

- Built responsive web interfaces using React, HTML5, CSS3, and JavaScript; integrated REST APIs into UI components and wrote unit tests — caught 3 regressions before final review.
- Delivered across 4 agile sprint cycles with IBM SkillsBuild mentors; reduced estimated page load time by ~25% through component restructuring and DOM optimisation.

**Artificial Intelligence Intern** — *Edunet Foundation – IBM SkillsBuild*

June – July 2025

- Built end-to-end ML pipelines covering data cleaning (5,000+ records), feature engineering, and model evaluation using Python, pandas, and scikit-learn; achieved ~85% classification accuracy.
- Exposed model predictions via a REST API endpoint for frontend consumption; documented performance results clearly for IBM assessors.

**Python Developer Intern** — *Joy Innovations Pvt Ltd*

May – June 2025

- Developed frontend components and Python backend modules for 3 client-facing web applications; resolved 10+ backlog bugs through systematic debugging and refactoring.
- Designed MySQL schemas, wrote optimised queries, and delivered unit-tested data-integrity checks on schedule using Git and daily agile standups.

## Projects

**AI Code Editor & Analyzer** | *React 19* | *TypeScript* | *Groq API* | *Monaco Editor* | *Node.js*

2026

- Browser-based IDE supporting 10+ programming languages with real-time syntax highlighting; connected Groq LLM via REST API for automated code analysis, cutting manual review time by ~40%.
- Built entirely in React 19 and TypeScript with unit tests for core utilities; CI/CD-ready build pipeline deployed on Vercel.

**Tricky Bird — 2D Game** | *Java* | *OOP* | *Swing/AWT*

2025

- Fully playable Flappy Bird-style game built across 8 core classes practising OOP — encapsulation, inheritance, and polymorphism — with collision detection and a smooth 60fps animation loop.

## Education

**B.Sc. Computer Science** — Muthurangam Govt. Arts College, Vellore

June 2023 – 2026

Final Year | CGPA: 7+ | Relevant: DSA, OOP, DBMS, Web Technologies, Software Engineering, .NET

**Class XII (Higher Secondary)** — Tamil Nadu State Board

2023 | 76%

## Certifications & Achievements

- **IBM SkillsBuild** — Web Development Fundamentals — verified on Credly (September 2025)
- **Infosys Springboard** — Front End Web Developer Certification (November 2025)
- **AIR 112** — **NCAT 2025** — Ranked 112th All-India in National Career Aptitude Test by Naukri Campus
- **LeetCode** — 358 problems solved (291 Easy, 67 Medium) in Java and C++ | 359 active days | Max streak 133
- **MonkeyType** — Peak 154 WPM | 104 WPM at 95% accuracy (15-second test) | 377-day streak