# Tamilselvan R

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## Profile Summary

Passionate **Full Stack Developer** skilled in **MERN stack** and **Java**. Experienced in creating responsive UIs, secure APIs, and managing databases efficiently. Strong in Agile practices, teamwork, and delivering clean, maintainable solutions on time. Always eager to learn new technologies and apply them to real-world problems.

## Technical Skills

**Languages:** JavaScript (ES6+), Java, Python
**Frontend:** React.js, HTML5, CSS3, Tailwind CSS, GSAP
**Backend:** Node.js, Express.js, Spring Boot
**Databases:** MongoDB, MySQL/SQL, Firebase
**Tools/Platforms:** Git/GitHub, Firebase Console, REST APIs, JWT, Agile Development

## Experience

**Freelance Full Stack Developer**                                                        Apr 2025 – Present

- Developed 3 full-stack projects: **UNI_BRAINS** (medical), **Rudy** (e-commerce), and **Vasandham Herbals** (herbal products), managing end-to-end development.
- Built responsive frontends with React, Tailwind CSS, and GSAP animations.
- Implemented secure backends using Node.js, Express.js, Spring Boot, and JWT for user management and payments.

## Projects

**LogiTrack – Role-Based Cargo Management System (MERN + Java Full Stack)**

- Engineered a full-stack cargo logistics application in two versions – **MERN stack** and **Java (Spring Boot + SQL)** – with role-based access for businesses, drivers, and customers.
- Implemented secure APIs, cargo assignment, and real-time tracking dashboard with request management features.

**Student Skill Tracker (Python + HTML/CSS)**

- Built a web-based platform to manage and track student skills, certifications, and achievements.
- Designed Python backend with structured HTML/CSS frontend for a secure, user-friendly interface.

**UNI_BRAINS – Medical Consultation Webpage (React + Tailwind + GSAP)**

- Created a responsive medical consultation webpage with animated sections (Hero, Services, FAQs, Experts, Contact Form).
- Enhanced user experience through smooth GSAP animations and modern UI design.

## Education

**K.S.R. College of Engineering, Tiruchengode**                                           2022 – 2026
B.Tech in Information Technology | **CGPA: 7.7/10**
**Manglam Higher Secondary School, Anthiyur**                                             2020 – 2022
Higher Secondary Certificate (HSS) | **76.5%**
**Govt Boys Higher Secondary School, Palacode**                                           2019 – 2020
Secondary School Leaving Certificate (SSLC) | **63%**

## Certifications

- **NPTEL Certification in Internet of Things (IoT)** | June 2024 (12 weeks)
- **Python Fundamentals (Bhumi NGO)** | Oct 2023 (6 months)