

Tamizharasan G C

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EDUCATION

Qualification	Institution	Duration	Score
MSc Software Systems	PSG College of Arts & Science	2022 – 2027	91.71%*
HSC	Sri Gopal Naidu Higher Secondary School	2021 – 2022	84.83%
SSLC	Sri Gopal Naidu Higher Secondary School	2019 – 2020	75.80%

INTERNSHIP

Intern Full Stack Developer

Lil Humans

03/2025 – Present

- Participated in requirements gathering and technical documentation for full-stack development tasks.
- Developed responsive user interfaces using HTML, CSS, Tailwind CSS, and React.js.
- Implemented frontend components and integrated them with backend APIs.
- Assisted in basic security testing and vulnerability identification using Burp Suite while contributing to overall application improvements.

SKILLS

- **Languages:** Python, C, Javascript
- **Frameworks & Libraries:** React, Tailwind CSS,
- **Backend & Databases:** Node.js, MongoDB, PostgreSQL, SQL
- **Computer Networks:** TCP/IP, HTTP/HTTPS, DNS, DHCP, ARP, ICMP, Load Balancing, Reverse Proxy (nginx), Kafka
- **Tools & Platforms:** Git, GitHub, Postman, Android Studio, Cloudinary
- **Cloud & DevOps:** Amazon Web Services (EC2, S3, IAM, Cloudwatch, SNS), Docker, Vercel, Render, Railway

PROJECTS

- **Performance Analysis using NS2** **2024**
Tech Stack: TCL and AWK Scripts, Python, Matplotlib
Objective: Conducted performance analysis and optimization of AODV, DSR, and DSDV routing protocols through NS2 simulations.
Outcome: Visualized key metrics like throughput, delay, and packet delivery ratio using Python-based tools for insightful evaluation.
- **AQUACARE: Smart Water Level Monitoring and Automatic Refill Alert System Using Arduino Uno and Sim Module** **2024**
Tech Stack: Arduino UNO, SIM Module, Arduino IDE
Objective: Developed AQUACARE, a smart water level monitoring and automatic refill alert system.
Outcome: Enabled real-time updates and notifications through SIM-based communication for timely water refills.

- **Lil Humans**
2025

Tech Stack: MongoDB, Express.js, React.js, Node.js

Objective: Multi Vendor Ecommerce Platform

Outcome: Developed and maintained a scalable multi-vendor ecommerce platform with product management, vendor onboarding, and secure user authentication.

Live URL: [Lil Humans](#)
- **Lil Humans Community**
2025

Tech Stack: MongoDB, Express.js, React.js, Node.js

Objective: Online Kids Engaging Platform

Outcome: Developed a two-panel application with **Client Panel** for kids' interaction and **Admin Panel** for content onboarding and management.

Live URL: [Lil Humans Community](#)
- **Ntxxcode – Online Enquiry platform**
2025

Tech Stack: MongoDB, Express.js, React.js, Node.js

Objective: Online Enquiry platform for Client Management

Outcome: Developed a **Client Panel** allowing users to submit enquiries and request quotations for their software projects. Implemented backend functionality to automatically notify admins via email upon new enquiries, ensuring timely responses.

Live URL: [Ntxxcode](#)
- **HR Management Site for Lil Humans**
2025

Tech Stack: MongoDB, Express.js, React.js, Node.js

Objective: Online Based Enterprise resource planning Platform

Outcome: Developed a comprehensive **CRM platform** with a **Client Panel** for employee interaction and an **Admin Panel** for managing HR operations, including attendance, leave, and payroll. Integrated features like **pay slip generation, leave management, and employee data tracking** to streamline HR processes.

Live URL: [Leave Management - Lil Humans & Havens](#)

CERTIFICATION

- *The Joy of Computing Using Python* – IIT Madras, NPTEL (Apr 2024)
- *Database Management System* – IIT Kharagpur, NPTEL (Apr 2024)
- *Programming Mobile Applications for Android* – University of Maryland, Coursera (Sep 2024)
- *Python for Data Science, AI & Development* – IBM, Coursera (Feb 2025)
- *Introduction to Big Data with Spark and Hadoop* – IBM, Coursera (Mar 2025)
- The Arduino Platform and C Programming - University of California, Irvine (March 2026)

Co Curricular Activities

- *Workshop on Spring Boot* – MIT, Chennai (Jan 2024)
- *Workshop on Quantum Computing* – MIT, Chennai (Jan 2024)