

SAMUVEL JOHNSON J




Full Stack Developer / AI & Web Systems

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Professional Experience

- Infosys Springboard Virtual Internship 6.0** 11/2025 – 01/2026 | virtual_intern
- Designed a **multi-model AI pipeline** for extracting and validating medical data from PDFs and scanned images.
 - Implemented **LLM-based intent inference and contextual reasoning** for automated insights and recommendations.
 - Gained hands-on exposure to **AI system orchestration, data validation, and scalable workflows**.
- Bluestock Fintech (React.js + tailwind CSS)** 07/2025 – 08/2025 | remote
- Developed a **responsive fintech dashboard** using React.js and Tailwind CSS.
 - Built **reusable UI components** and integrated APIs for **real-time financial data visualization**.
 - Collaborated in an **agile remote team** focusing on usability, accessibility, and performance.

Projects

- Multi-Model AI Agent for Automated Health Diagnostics**  11/2025 – 01/2026
- Built an **end-to-end multi-model AI system** to analyze blood reports from PDFs and images.
 - Integrated **ML models and LLMs** for data extraction, clinical interpretation, risk assessment, and intent inference.
 - Generated **human-readable diagnostic summaries** and personalized recommendations through automated workflows.
- Medify App (Smart India Hackathon)**  10/2024 – 11/2024
- Developed the frontend interface for an innovative government hospital bed reservation system using modern web technologies.
 - Focused on designing responsive UI/UX components to ensure a smooth booking experience during medical emergencies.
 - Collaborated within a five-member team to deliver and present a functional prototype at the Smart India Hackathon.
- Inventory Management System (HTML+CSS+Node.js + MySQL)** 02/2025 – 03/2025
- Developed a Shop Inventory Management System to manage products, stock levels, and sales efficiently. Implemented CRUD operations and real-time inventory tracking with secure user authentication. Streamlined inventory control to improve accuracy and business workflow
- Smart door lock design project (Licet-ENVISION)** 09/2023 – 10/2023
- Secured the 8TH place in the competition
- Other Figma Projects** 
- Designed **interactive UI prototypes and game interfaces** using Figma, focusing on usability and component consistency.
- VIT Ideathon** 2024
- Developed the frontend interface for an eco-friendly gaming website, focusing on seamless user experience and interactive design.
 - Created UI components that visualize virtual carbon key earnings and redemptions tied to gaming gear purchases.
 - Collaborated with the team to deliver a polished, functional frontend prototype within the 24-hour hackathon timeframe.

Skills

- | | | |
|---------------|------------------|-----------------------|
| • JAVA | • python(basics) | • HTML,CSS,JavaScript |
| • React.js | • node.js | • mysql, mongoDB |
| • Git, GitHub | • FIGMA, CANVA | • AI Prompting |

Courses

- Artificial Intelligence Primer Certification (InfoSys SpringBoard)
- GitHub Foundation(GitHub)
- python (Skill Rack)
- MATLAB simulink and onramp
- Statistics and Visualization in Python(InfoSys SpringBoard)
- Introduction to OpenAI GPT Models(InfoSys SpringBoard)

Education

- B.Tech IT** 09/2023 – 07/2027 | Chennai
Loyola ICAM college of Engineering and Technology
CGPA:8.63/10.0
- St.Antony's Matric Higher Sec School** 2009 – 2023 | Neyveli
percentage-89%