

Samuel Johnson

Full Stack Developer

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Summary

A motivated Full Stack Developer with hands-on experience in building AI-powered web systems and responsive React applications. Strong foundation in multi-model AI pipelines, data extraction from PDFs and images, and modern UI/UX design. Eager to learn, adapt to new technologies, and grow through real-world development opportunities.

Projects

Multi-Model AI Agent for Automated Health Diagnostics

December 2025 - February 2026

- Developed an end-to-end multi-model AI system to analyze blood reports from PDFs and scanned images.
- Implemented data extraction, validation, and interpretation pipelines using ML models and LLMs.
- Generated human-readable diagnostic summaries and personalized health recommendations through automated AI workflows.

Autonomous Drone Development Challenge

August 2025 - January 2026

- Worked on autonomous mission planning and navigation using Mission Planner software.
- Contributed to the design and testing of an autonomous payload dropping mechanism.
- Assisted in integrating Raspberry Pi-based control for autonomous operations.

My Portfolio

- Built a dynamic personal portfolio with automatic project updates by integrating the GitHub API.
- Implemented seamless, backend-free contact functionality using EmailJS for direct user communication.
- Crafted a modern, developer-centric UI with a terminal-inspired design, dark theme, and fully responsive layout for an engaging user experience.

Internships

Infosys Springboard - Applied AI Engineer Intern

Remote

December 2025 - February 2026

- Built an applied AI system by integrating multiple existing AI/ML and LLM models through APIs.
- Implemented end-to-end AI workflows for data extraction and interpretation from PDFs and images.
- Worked on multi-model orchestration and intent inference to generate automated insights and recommendations.

Bluestock Fintech - Software Developer Intern

Remote

July 2025 - August 2025

- Contributed to frontend development of a web-based IPO application using React.js.
- Built responsive and reusable UI components and integrated REST APIs for real-time IPO data display.
- Collaborated with UI/UX designers and followed Agile practices while maintaining code quality using Git.

Skills

Programming Languages: Java | python

Database: MySQL | MongoDB

Tools: Git | GitHub | Figma | Canva

Web Technologies: HTML | CSS | JavaScript

Libraries/Frameworks: React.js

AI Prompting

Certifications

**Artificial Intelligence Primer Certification
(InfoSys SpringBoard)**

GitHub Foundation(GitHub)

Python(Skill Rack)

Fundamentals of Statistics and Visualization in Python

Education

Loyola ICAM College of Engineering and Technology

B.Tech Information Technology -8.63(CGPA)

August 2023- Present

St. Antony's Matriculation Higher Secondary School

12th- 89%

June 2022- April 2023