

GOBALA KRISHNAN B

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SUMMARY

Graduate Engineer with a strong foundation in engineering principles, problem-solving, and object-oriented programming. Hands-on experience contributing to healthcare engineering projects using **Java**, **Spring Boot**, and **RESTful APIs**. Eager to learn and contribute to reliable engineering solutions.

PROFESSIONAL EXPERIENCE

Software Engineer

May 2025 – Present

Glenwood Systems Pvt. Ltd., Chennai

- Assisted senior engineers in the **design, development, testing, and maintenance** of healthcare engineering systems.
- Developed scalable backend modules using **Java and Spring Boot** to replace manual workflows.
- Designed, implemented, and tested **RESTful APIs** to ensure reliable data flow between frontend and backend systems.
- Built and enhanced user interfaces using **GWT, React.js and JSP** to improve usability across devices.
- Participated in **bug fixing, troubleshooting, and production issue resolution** under supervision.

TECHNICAL SKILLS

- Programming Languages:** Java, JavaScript (ES6+), C
- Backend Technologies:** Spring Boot, Spring MVC, RESTful APIs, Node.js
- Frontend Technologies:** React.js, HTML, CSS, GWT, JSP
- Databases:** PostgreSQL, MySQL, MongoDB
- Engineering Concepts:** Data Structures, Algorithms, OOP, Debugging
- Tools & Platforms:** Git, GitHub, Postman, Docker, Maven, GCP

PROJECTS

NoteCraft AI – AI-Powered Note Assistant ([Live Demo](#))

Dec 2025

- Designed and deployed an **AI-powered engineering application** using **FastAPI**.
- Implemented API-driven workflows using **LangChain and LangGraph** for intelligent note generation.
- Integrated frontend and backend services to ensure reliable and responsive system behavior.

Guest Room Booking Application ([GitHub](#))

Aug 2024

- Developed a full-stack engineering application using **React.js, Node.js, Express.js, and MongoDB**.
- Implemented **JWT-based authentication**, role-based access control, and booking workflows.
- Participated in testing and validation of application functionality.

Backend Authentication System ([GitHub](#))

Jul 2024

- Built a secure backend service using **Node.js and MongoDB**.
- Implemented **JWT-based authentication** and secure password hashing.

INTERNSHIPS

Web Developer Intern

Mar 2024 – Apr 2024

CodSoft, Kolkata (Remote)

- Developed reusable and responsive UI components using **React.js**.

Full Stack Developer Intern

Jul 2023 – Aug 2023

Exposys DataLabs, Bengaluru (Remote)

- Assisted in end-to-end feature development using **React.js** and **Django**.

EDUCATION

B.Tech – Computer Science and Business Systems

2021 – 2025

KGiSL Institute of Technology

CGPA: **8.23**