

Bharath S

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— [GitHub](#) — [Portfolio](#)

Career Objective

Enthusiastic Computer Science graduate (2025) with strong knowledge in Java, OOP, SQL, and problem-solving. Skilled in building web applications with Java, Spring Boot, and React. Eager to contribute as a Software Developer by applying technical skills, logical thinking, and teamwork. Also Java Full Stack Developer skilled in building scalable web applications using Java, Spring Boot, React.js, and MySQL. Experienced in REST API development, authentication (JWT), and database design.

Education

B.E. in Computer Science and Engineering NMAM Institute of Technology, Nitte, Karnataka CGPA: 6.94	2021 – 2025
PUC (Science) – St. Theresa PU College, Bengaluru Percentage: 86.5%	2019 – 2021
SSLC – Trishul High School, Davangere Percentage: 86.5%	2019

Technical Skills

Languages: Java, Python, SQL, HTML, CSS, JavaScript
Frameworks: React.js
Databases: MySQL
Tools: Git, GitHub, IntelliJ, VS Code
Core Competencies: OOP, DSA, DBMS, REST APIs, System Design

Experience

DLithe Consultancy Services Pvt Ltd, Bengaluru [\(Git\)](#) Jan 2025 – Apr 2025
Java Full Stack Development Intern

- Designed and deployed **10+ RESTful APIs** in Spring Boot using OOP principles and JWT authentication, enabling secure transactions and handling 1,000+ daily requests.
- Developed a **cinema ticket booking module** (seat layout, payment flow, session handling) that improved booking efficiency by **30%** and enhanced user experience.
- Optimized **SQL database schemas** and integrated JPA/Hibernate ORM, reducing query execution time by **40%**.
- Collaborated in an Agile team of 5** using Git/GitHub for version control, improving code review turnaround time by **20%**.

NMAM Institute of Technology, Nitte Feb 2023 – Mar 2023
Summer Internship – II [\(Git\)](#)

- Designed and launched a **news website** with HTML, CSS, JS, and PHP, enabling dynamic content management for **500+ articles**.
- Implemented backend in PHP/XAMPP, improving content upload time by **25%**.

NMAM Institute of Technology, Nitte Apr 2022 – Jun 2022
Summer Internship – I

- Built a prototype **Sound Wave Fire Extinguisher** using acoustic energy, reducing flame intensity by **40% in lab tests**.
- Researched optimal sound wave frequencies and integrated hardware with control mechanisms for real-world applicability.

Projects

Student Result Management System [\(Git\)](#)

Mar 2024 – May 2024

Tech: Python, Tkinter, SQLite, Matplotlib

- Developed a **multi-user desktop application** for 100+ students and admins to manage courses and results.
- Implemented **SQL queries and database normalization** for efficient storage and retrieval of academic data.
- Integrated **data visualization dashboards** for performance analytics, reducing manual result analysis effort by **50%**.

Hospital Management System [\(Git\)](#)

Nov 2023 – Dec 2023

Tech: PHP, HTML, CSS, JavaScript, Microsoft SQL Server

- Built a **role-based web application** for Admin, Doctor, and Patient with secure CRUD functionalities.
- Designed **SQL procedures and queries** to manage patient records and prescriptions effectively.
- Enabled **digital prescriptions** for 50+ patients, reducing manual paperwork by **60%**

Heart Disease Analysis [\(Git\)](#)

Dec 2022 – Jan 2023

Tech: R, dplyr, plotrix

- Conducted data analysis on **300+ patient records**, uncovering patterns in cholesterol and chest pain types.
- Generated visual reports that improved health insights and predictive analysis accuracy by **15%**.

Publications

Human Action Recognition – IEEE Xplore

May 2025

"A CNN-LSTM Framework for Real-Time Human Action Recognition in Video Sequences."

2025 International Conference on Artificial Intelligence and Data Engineering (AIDE), IEEE. DOI:

[10.1109/AIDE64228.2025.10987297](https://doi.org/10.1109/AIDE64228.2025.10987297)