

Hruthik T M

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Professional Summary

Software Developer experienced in designing and building scalable applications, backend services, and responsive systems. Strong foundation in problem-solving, object-oriented design, and delivering reliable, high-quality software solutions.

Technical Skills

Languages: C/C++, Java, SQL, JavaScript.

Tools & Services: Git/GitHub, Postman, MySQL, SQLite.

Frameworks & Libraries: Qt – QML, Spring Boot, REST, React.js.

Experience

Internship- The Code Factory - PthinkS | May 2025 – Present

- Strengthened core programming skills using C and C++, applying data structures and STL for optimized performance.
- Integrated SQLite for persistent data storage and efficient data management.
- Contributed to Qt and QML development by fixing bugs, analyzing existing codebases, and continuously updating skills in Qt/QML frameworks.

Internship- Torus Solutions | July 2024 – December 2024

- Developed full-stack web applications using Java, Spring Boot, React.js, and MySQL.
- Built RESTful APIs and integrated them with React-based frontend components.
- Created reusable, responsive UI components using React.js, Bootstrap, and Tailwind CSS.
- Managed MySQL databases with optimized queries to support scalable application workflows.

PROJECTS

Agricultural Supply Chain Management System

Java, Spring Boot, MySQL, React.js, SMTP

- Designed and developed a web application, implementing a layered MVC architecture with RESTful APIs.
- Built REST-based services for real-time inventory management and graphical crop demand analysis dashboards to support data-driven decisions.
- Integrated SMTP services for automated notifications, stock alerts, and system updates.

DTH Service Management System

C++, STL, SQLite

- Developed a console-based application in C++ using OOP concepts and a modular, structured architecture.
- Implemented the Singleton design pattern and STL containers to ensure controlled resource access and efficient data handling.
- Integrated SQLite for reliable persistent storage and scalable record management.

EDUCATION

Vidya Vikas Institute of Engineering & Technology

Dec 2020 – July 2024

Bachelor of Engineering in Information Science

CGPA: 7.64