DARWIN GOWTHAM K

Computer Science & Engineering Undergraduate
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Professional Summary

Computer Science and Engineering undergraduate with strong foundations in Java, object-oriented programming, and full stack web development. Hands-on experience in building REST-based applications and working with relational databases. Actively improving data structures and problem-solving skills through projects and consistent coding practice. Interested in backend and software engineering roles.

Technical Skills

Programming Languages: Java, SQL, JavaScript
Frontend: HTML5, CSS3, React.js
Backend: Spring Boot, REST API
Computer Science Fundamentals: Data Structures, OOP, DBMS, Operating Systems, Computer Networks
Tools & Platforms: Git, GitHub, VS Code, Eclipse, MySQL, Tailwind CSS, Bootstrap

Education

B.E. Computer Science & Engineering 2023 – 2027
RMK College of Engineering and Technology, Chennai
CGPA: 7.21

Certifications

- Java and Web Development — Infosys Springboard

- Full Stack Development Concepts — Coursera

Projects

Bus Reservation System (CLI Application) 2024
Java, OOP, File Handling

- Designed and developed a Java-based command-line application for bus ticket booking and cancellation.

- Applied object-oriented principles to structure the application into reusable and maintainable components.

- Implemented file handling mechanisms to ensure persistent storage of reservation data.

- Built a menu-driven interface with input validation and error handling to improve usability.

Technical Activities

- Participated in technical events and coding practice sessions at college.

- Regularly solving data structure and algorithm problems on platforms such as LeetCode.

- Engaged in peer learning groups to strengthen core programming concepts.

Soft Skills

Communication, Teamwork, Problem Solving, Adaptability

Additional Information

Interests: Web Development, Open Source Contribution, Competitive Programming
Languages: English (Professional), Tamil (Native)