

DHINESH THIYAGARAJAN

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[LinkedIn](#) | [GitHub](#) | [LeetCode](#)

PROFESSIONAL SUMMARY

Results-driven Computer Science student with proven team leadership and hands-on experience in custom PC assembly, C++/Java/Python development, SQL database queries, and Linux system administration. Eager to apply strong technical, analytical, and multilingual skills to a challenging internship.

EDUCATION

Dayananda Sagar University | Bengaluru
Bachelor of Technology, Computer Science Engineering
(09/2023 – 06/2027)

TECHNICAL SKILLS

Category	Skills
Programming Languages	C++, Java, Python, SQL, HTML, CSS
Scripting	Linux Bash Scripting, Shell Scripting
Databases	MySQL, PostgreSQL, Database Management
Operating Systems	Linux (Ubuntu/CentOS), Windows, Mac OS
Data & AI	Microsoft Power BI, RapidMiner, Excel (Advanced Functions), Machine Learning, Computer Vision, Deep Learning Algorithms, TensorFlow, Image Processing, Flume
Hardware	Custom PC Assembly, System Optimization, Hardware Troubleshooting
Tools & Software	Microsoft Office (Excel, PowerPoint), Bloomberg Terminal
Engineering Concepts	Design for Test (DFT), Design for Manufacturing (DFM)

PROJECTS

Formula One 2024 Database

- Developed a dynamic database to track and manage Formula One 2024 season data.
- Technologies:** PostgreSQL, Node.js, HTML, CSS, JavaScript.

- **GitHub:** github.com/Dhinesh-Thiyagarajan/FORMULA-1-2024-DATABASE

Social Media Application

- Contributed to the development of a full-stack social media application.
- **Technologies:** Java, Spring, React, etc.
- **GitHub:** github.com/Abhijay30/social-media-app/tree/main

EXPERIENCE

- **Database Experience:** Possesses hands-on experience in Relational Database Management (SQL/PostgreSQL), including schema design and complex query optimization.

CERTIFICATIONS & TRAINING

Infosys Certifications: Completed training in Computer Fundamentals, Computer Networks, and Network Management.

Linux Administration & Programming: Completed foundational training and certifications in Linux basics, Bash scripting, and shell scripting solutions (Infosys, TechA, Linux for Beginners).

Programming Proficiency: Certified in C++ and Java problem-solving through HackerRank. Also proficient in Python, SQL, HTML, CSS, Linux, Machine Learning, Computer Vision, and Artificial Intelligence.

Data Analytics & Visualization: Actively pursuing Microsoft Power BI Certification, complemented by completed training in Power BI for Business Professionals and Data Visualization (Infosys, TechA).

KEY SKILLS

Soft Skills

- Problem Solving
- Team Leadership
- Technical Communication
- Hardware Expertise
- Multilingual Communication
- Continuous Learning
- Collaboration
- Versatility