DHINESH THIYAGARAJAN

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Portfolio | 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, India
Bachelor of Technology, Computer Science Engineering   09/2023 – 06/2027

TECHNICAL 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, macOS
- **Data & AI:** Microsoft Power BI, RapidMiner, RAG (Retrieval-Augmented Generation), 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

Personal Portfolio Website   *Live Link | GitHub*
Technologies: React, Tailwind CSS, Vercel

- Architected a high-performance personal portfolio to showcase technical identity and project repository.
- Implemented responsive design principles ensuring seamless UI/UX across mobile, tablet, and desktop devices.
- Optimized deployment workflows using Vercel for continuous integration and hosting.

Formula One 2024 Database   *GitHub*
Technologies: PostgreSQL, Node.js, Express, HTML/CSS, JavaScript

- Developed a robust dynamic database system to track, manage, and visualize the Formula One 2024 season data.
- Designed complex relational schemas in PostgreSQL to handle driver stats, team standings, and race results.
- Built a functional front-end interface to query and display real-time sports analytics.

EXPERIENCE

- **Database Management:** Hands-on experience in Relational Database Management (SQL/PostgreSQL), including schema design, normalization, and complex query optimization for data-heavy applications.

CERTIFICATIONS & TRAINING

- **Technical Fundamentals:** Completed Infosys certifications in Computer Fundamentals, Computer Networks, and Network Management.
- **Linux & Scripting:** Certified in Linux Administration, Bash scripting, and shell programming (Infosys, TechA).
- **Problem Solving:** Verified C++ and Java proficiency through HackerRank problem-solving challenges.

- **Data Science:** Pursuing Microsoft Power BI Certification; completed training in Data Visualization for Business Professionals.

KEY SKILLS

Soft Skills: Problem Solving, Team Leadership, Technical Communication, Hardware Expertise, Multilingual Communication, Continuous Learning, Collaboration, Versatility.