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SUMMARY

Motivated B.Tech IT student with hands-on experience in Java. Skilled in building real-time projects like AI chatbots and smart IoT systems. A quick learner with strong teamwork, communication, and problem-solving abilities, aiming to contribute to innovative tech solutions in a dynamic organization.

EDUCATION

B. Tech in Information Technology - CGPA: 8.175 / 10
V.S.B College of Engineering Technical Campus, Coimbatore (2026),
10th Grade - Percentage: 81%
The Merit Matric Hr Sec School, Tamil Nadu (2020),
12th Grade - Percentage: 67.5%
V. S Boys Hr Sec School, Tamil Nadu (2022).

INTERNSHIPS

Telecom Technology & Networking Intern,
BSNL (Bharat Sanchar Nigam Ltd.) & Anna University | September 2024 – October 2024
Completed a two-week joint internship on Telecom Technology & Networking, gaining practical and theoretical knowledge. Explored mobile systems like 3G, 4G LTE-A, and 5G, along with key telecom concepts such as Optical Fiber Cable systems, IPv4/IPv6, and router configurations. Engaged in hands-on labs covering RF link budget analysis, wireless simulations, subnetting, and routing techniques.

TECHNICAL & SOFT SKILLS:

Languages: Java, C++ | **Tools/Platforms:** Git, Cisco Packet Tracer | **Database:** MySQL
Soft Skills: Communication, Time Management, Teamwork

PROJECTS

1.Smart Mirror for Real-Time Personal Dashboard (Team Size: 6)
Developed an IoT-powered Smart Mirror using Raspberry Pi to display real-time weather, news, calendar updates, and alerts. Integrated PIR motion sensors and Google Assistant SDK for touchless interaction. Led API integrations, customized MagicMirror² modules, configured system settings with automated boot scripts, and contributed to sensor testing and assistant setup.

2. AI-Powered Career Assistant Chatbot (Team Size: 6)
Developed a context-aware chatbot using the Gemini API to assist students and job seekers with career-related queries. Implemented multi-turn dialogue, JWT-based authentication, and MongoDB-backed session logging. Led frontend development with React.js, creating a responsive user interface and ensuring seamless interaction.

Certifications:
Cisco IoT & Digital Transformation (2025), NPTEL Cloud Computing – Elite (2024), Oracle Foundations Associate (2024), Python – Infosys Springboard (2023), Full-Stack Dev Workshop – CIT (2024)

Achievements & Activities:
Industry 4.0 Workshop – SKCET, Full-Stack Dev Workshop – CIT, Technical Quiz '23 – Karpagam College