

# BALAJI R

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## SKILLS

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- **Programming Languages:** Python, JavaScript, SQL, Java (Basics)
- **Web Technologies & Databases:** HTML, CSS, MySQL, MongoDB
- **Tools & OS:** Wireshark, Burp Suite, NMAP, Cisco Packet Tracer, Windows, Kali Linux, Traffic Monitoring, Home Lab

## EDUCATION

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- **Vidya Vikas Institution of Engineering** 2023 – Present  
B.E. in Computer Science Engineering — CGPA: 7.97
- **JSS Polytechnic Mysore** 2023  
Diploma in Computer Science Engineering — CGPA: 8.86
- **DAV Public School Mysore** 2020  
Class X (CBSE) — Percentage: 60%

## PROJECTS

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- **Swasthya** ([GitHub](#))  
Developed a full-stack AI-driven healthcare application to enhance accessibility in rural communities. Integrated Ollama-based AI for real-time symptom analysis and appointment booking, with a focus on data privacy and scalability.
- **Virtualized Network Firewall with pfSense**  
Designed and deployed a firewall in a VirtualBox environment, configuring WAN/LAN, DHCP, and advanced rules. Simulated and mitigated DoS (SYN Flood) attacks from Kali Linux to Ubuntu, showcasing practical cybersecurity defense.
- **Live URL Phishing Analyzer** ([Live Link](#))  
Built a Flask-based web app for phishing URL detection using VirusTotal API and an ML (XGBoost) fallback model for structural analysis.

## CERTIFICATIONS

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- **TryHackMe – Pre-Security**  
Completed foundational cybersecurity training in networking, Linux, and web hacking with hands-on labs.
- **Cyber Security Course (EdiGlobe, 2 Months)**  
Intensive training in threat detection, security practices, and ethical hacking concepts.
- **Ethical Hacking – NPTEL (Jul–Oct 2024)**  
Gained expertise in penetration testing, vulnerability assessment, and cybersecurity tools aligned with ethical hacking standards.

## EXPERIENCE

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- **Cyber Security Intern, EdiGlobe** Apr – May 2024  
Gained hands-on experience in real-time security problem-solving, incident analysis, and ethical practices. Enhanced skills in communication, teamwork, and security awareness.