Riya Sachdeva

+91 9311065185 riyasachdeva2015@gmail.com linkedin.com/in/riyasachdeva21

EDUCATION

Bachelors of Computer Science and Engineering   2022–2026
Vellore Institute of Technology, Bhopal   **CGPA:**8.55

EXPERIENCE

Full Stack Web Developer Intern
Neurosensum International India Private Limited
- Revamped WordPress website to React platform, achieving **60% reduction in load time** (Google Lighthouse)
- Designed admin interface enabling non-technical staff to manage **50+ blog posts** and update content
- Demonstrated strong responsibility, attention to detail, and effective communication

PROJECTS

MindCare Alliance - Mental Health Platform
HTML/CSS, JavaScript
- Built cross-platform website for mental health with helpline services and support programs
- Ensured seamless UI across devices for wider accessibility
- **Team:** 5 members
- **Role:** UI/UX designer

Cryptography and Network Coding – Research Paper
Python, Network Security
- Authored research paper on securing data transmission with AES, RSA, and homomorphic signatures
- Achieved zero error rates under simulated attacks with minimal Python overhead
- **Team:** 8 members
- **Role:** Algorithm implementation

Safe Havens Home Security Systems
IoT, Motion Sensors, Cloud Storage
- Designed motion-sensor security system with cloud-synced camera feeds and alarms
- Enabled remote access to camera recordings via cloud integration
- **Team:** 3 members
- **Role:** Hardware Developer

TECHNICAL SKILLS

- **Languages & Tools:** Java, JavaScript, Node.js, React, Python, SQL, HTML, CSS, PowerBI, MSExcel
- **Subjects Studied:** Computer Networks, Object-Oriented Programming, Operating Systems
- **Soft Skills:** Excellent Communication, Effective speaker, Flexibility, Growth Mindset, Resilience

CERTIFICATIONS

- Marketing Analytics, NPTEL
- Blockchain Developer, CEAPBCD1IN, provided by IBMCE
- Blockchain Fundamentals, CEAPBCD1IN, provided by IBMCE
- GEN AI Using IBM Watsonx, CEWXA11IN, provided by IBMCE
- Introduction to Web Development, Coursera
- Cloud Computing, NPTEL

ACHIEVEMENTS

- **Adobe India Hackathon** — Advanced to Round 2 with Smart PDF Reader implementing AI-driven document processing and intelligent format conversion.
- **BlockDAG Hackathon 2025 (Jul 2025)** — Advanced to Round 2 with ZentryWallet, a decentralized wallet system addressing scalability and privacy.

RESPONSIBILITIES

- **Team Lead (PR & Outreach)**, iOS Club, VIT Bhopal University
- **Core Member**, TechVersity, VIT Bhopal University
- **AdVITya (Disciplinary Committee)**, VIT Bhopal University (2023)