

# RAM SHEKADE

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## SUMMARY

Software Engineer specializing in full-stack development, cross-platform applications, and AI/ML analytics. **Winner of Smart India Hackathon 2024**, delivering scalable systems and enhancing operational efficiency. Proficient in ReactJS, Angular, Flutter, MERN, Node.js, and Python.

## EDUCATION

**Datta Meghe College of Engineering**, B.E in Information Technology 2022 - 2026  
C.G.P.A: 8.24 (Till Sem 5)

**Mahatma Gandhi Jr. College**, H.S.C. 2021 - 2022  
Percentage: 74.17%

## EXPERIENCE

**Security-Focused Software Engineer (Job Simulation)** Commonwealth Bank – Forage · Sept 2024

- Performed a cybersecurity breach simulation by analyzing password dumps and leveraging **Hashcat** to uncover weaknesses in **encryption** and **credential management**.
- Proposed enhancements to **access control** and password policy to strengthen enterprise-level security and **reduce breach risk**.

## PROJECTS

**Raksha – Women Safety & Surveillance System (Flutter, Dart, MERN Stack, AI/ML)**

- Developed an end-to-end AI-driven safety ecosystem integrating a mobile app for users and a surveillance dashboard for law enforcement, enhancing **incident response efficiency by 40%**.
- Architected a real-time AI-powered security system, featuring **instant alerts, threat detection, and automated emergency escalation**, reducing incident reporting lag by **35%**.
- Engineered a robust web platform for video monitoring, **achieving 95% accuracy in weapon, vehicle, and facial recognition tracking** with optimized deep-learning models (CNN & YOLO).

**Vyom Assist – AI, NLP, MERN, Flutter**

- Built a query automation system using **BERT** and **facial recognition**, automating service routing —reducing query response time by **40%**.
- Integrated a self-improving NLP chatbot with automated ticket routing, cutting manual workload by 60%.**
- Built a cross-platform banking solution**, integrating a **Flutter-based app for users** and a **MERN dashboard**, enhancing workflow optimization across banking operations.

**InfluencerHub – React, CSS, JS, Bootstrap, Node.js (Express), MongoDB**

- Developed an AI-based analytics system to **match brands with influencers** using **engagement metrics**, improving **targeting accuracy by 30%**.
- Integrated predictive analytics for trend forecasting, optimizing content strategy recommendations **and** boosting campaign effectiveness **by 20%**.

## SKILLS

|                         |  |
|-------------------------|--|
| Languages and Databases | C, Java, Python, MySQL, MongoDB                                    |
| Frameworks and Tools    | Bootstrap, React, GitHub, VSCode, PyCharm                          |
| Web Technologies        | HTML, CSS, JavaScript, Node.js, Express, Flask                     |
| AI/ML:                  | TensorFlow, PyTorch, YOLO, CNN, OpenCV, NLP                        |
| Other Skills            | Data Structure, Algorithm, Scalable System Design, Cloud Computing |

## ACHIEVEMENTS

- Winner, Smart India Hackathon 2024** – Led development of an AI-driven public safety system adopted at scale, enhancing **national-level emergency response**.
- Top 5 Finalist – Idea Hackathon 2025 | 1st Prize – Business Potential** | Ranked among 625+ teams .
- Grand Finalist – IDE Bootcamp (Edition 2, Phase 2)**, organized by the **Ministry of Education, Govt. of India, and Wadhwani Foundation**.