

# HARDIK AHARWAR

Amravati, Maharashtra

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🔗 [TakeUForward](#)

[LeetCode](#)

🐙 [GitHub](#)

## EDUCATION

**Birla Institute of Technology, Mesra**

*B.Tech -Electronics and Communication Engineering*

**2022 – Present**

*Ranchi, India*

**Takhatmal English Junior College**

*Higher Secondary- HSC*

**2019 - 2021**

*Amravati, India*

**Takhatmal English High School**

*Secondary- SSC*

**2018 - 2019**

*Amravati, India*

## EXPERIENCE

**SohamGlobal**

*Software Development Intern*

**June 2025 – July 2025**

- Applied **Core Java** concepts to design and implement real-world applications with focus on **reliability** and **performance**.
- Utilized **Eclipse IDE** for structured coding, efficient **debugging**, and version control management.
- Gained hands-on experience with **javax.crypto** and **java.security** libraries for secure **data handling** and **encryption**.
- Enhanced **problem-solving**, **debugging**, and **collaboration skills** through active participation in development tasks.

## PROJECTS

**AES-based File and Image Encryption System** 🐙 [GitHub](#)

- Developed a **Java-based security application** to **encrypt and decrypt** text files and images using the **AES algorithm**, ensuring confidentiality of stored and transferred data.
- **Implemented key management workflow** with secure **AES key generation, storage, and retrieval**, ensuring access only to **authorized users**.
- **Designed efficient encryption/decryption pipelines** using AES cipher modes and **Base64 encoding**, enabling seamless handling of binary data while maintaining **data integrity**.

## TECHNICAL SKILLS

**Languages:** C++ , Java, C, SQL

**Computer Fundamentals:** Database Management System ,Object-Oriented Programming

**Databases &Tools:** Git, GitHub, VS Code, Eclipse IDE, Oracle, MySQL

## ACHIEVEMENTS

- **Solved 400+ DSA problems** across platforms like LeetCode, CodeNinjas, and TakeUForward.
- **Organized a blood donation camp** at a local NGO, managing volunteers and activities.
- Assisted in a college tech workshop, enhancing teamwork and coordination skills.

## EXTRACURRICULAR

- **Led and coordinated** multiple community service initiatives as Volunteer Head at Drishti NGO, managing a team of volunteers.
- **Planned and executed** fundraising and outreach campaigns, contributing to the success of NGO projects.