

VIRAJ DATTATRAY BHOITE

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GitHub: <https://github.com/Viraj-2111>

PROFESSIONAL SUMMARY

Motivated and detail-oriented Software Developer (Java, C++, Python) with strong foundations in Data Structures, Object-Oriented Programming, and Backend Development. Experienced in building secure, scalable applications and system-level projects, with hands-on exposure to Java Swing, file systems, and algorithm design. Currently expanding expertise in Spring Boot, Python for automation, and backend systems. Passionate about writing clean, efficient code and solving real-world problems.

TECHNICAL SKILLS

- Languages: Java, C++, Python, C
- Core Concepts: Data Structures & Algorithms, OOP, Problem Solving, Memory Management
- Backend Development: Spring Boot (Learning), REST APIs
- Web Development: HTML, CSS
- Database: MySQL
- Tools & Technologies: Git, GitHub, VS Code, Eclipse, IntelliJ IDEA
- Operating Systems: Windows, Linux

PROJECTS

File Packer & Unpacker with Encryption (Java)

Developed a secure file compression system using Java Swing GUI
Implemented custom metadata handling and encryption techniques
Designed a user-friendly interface for efficient file operations

Generalised Data Structures Library (C++)

Built reusable generic data structures (Stack, Queue, Tree)
Applied OOP principles and modular architecture
Improved understanding of memory optimization and algorithms

Customised Virtual File System (C)

Created a Linux-like file system simulation
Implemented inode structure, file table, and command-based shell
Demonstrated deep understanding of OS-level concepts

EDUCATION

Master of Computer Applications (MCA) (2025 – Present)

Pratibha College of Business Management, Pune

Bachelor of Science (Computer Science) (2024)

Indira College of Commerce and Science, Pune

CERTIFICATIONS

Logic Building & Industrial Project Training – Marvellous Infosystems

Focus on DSA, problem solving, and interview preparation

KEY STRENGTHS

- Strong logical thinking & coding skills
- Quick learner with adaptability to new technologies
- Passion for backend development & system design
- Good understanding of real-world project development

GITHUB PORTFOLIO

<https://github.com/Viraj-2111>

PERSONAL DETAILS

Date of Birth: 21 November 2003

Languages: Marathi, Hindi, English

Nationality: Indian