

# Ramakant Singh

B.Tech Information Technology

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LinkedIn | GitHub

## CAREER OBJECTIVE

An Entry-level Information Technology graduate with a strong foundation in Java, databases, and full-stack development. Seeking a technical role to build reliable software solutions, follow best engineering practices, and grow as a disciplined IT professional while delivering value to teams and clients.

## EDUCATION

Medi-Caps University, Indore

Bachelor of Technology in Information Technology

CGPA: 6.6

2022 – 2026

Pragati Vidya Peeth, Gwalior

Class XII (Senior Secondary)

Percentage: 68%

Pragati Vidya Peeth, Gwalior

Class X (Secondary)

Percentage: 85.8%

## EXPERIENCE

Wormos Pvt. Ltd, Greater Noida

MERN Stack Intern

May 2025 – June 2025

- Outlined feature scope, technical feasibility, and user impact, aiding sprint planning.
- Enabled component-based design, simplifying entity interactions and future scalability.
- Achieved ~40% performance boost in inventory operations and improved maintainability.
- Fixed memory mismanagement in real-time, ensuring uninterrupted functionality.

## PROJECTS

ProjectNexus | GitHub

Next.js 16, TypeScript, Tailwind CSS, Supabase, Prisma

- **Live Demo:** <https://project-nexus-wala.vercel.app/>
- Built a SaaS marketplace for student projects featuring "Build, Buy, or Hire" workflows.
- Implemented advanced project filtering by tech stack and price using URLSearchParams and Supabase.
- Engineered a cinematic, responsive UI using Framer Motion for enhanced user experience.

Researcher Hut | GitHub

Next.js, Express.js, TypeScript, Tailwind CSS, Supabase (SQL Database)

- **Live Demo:** <https://researcher-hut.vercel.app/>
- Research collaboration platform with article publishing and user engagement features.
- Implemented OTP-based authentication and role-based access control.
- Added dark mode, ratings, comments, and document downloads (PDF/DOCX).

Git Repo Visualizer 2.0 | GitHub

React.js, Node.js, D3.js, JavaScript, Data Visualization

- **Live Demo:** <https://git-repo-visualizer.netlify.app/>
- Developed a tool to visualize Git repository structures and commit histories.
- Implemented branch visualization and contributor activity tracking.
- Created interactive graphs to display project evolution over time.
- Added support for analyzing commit patterns and codebase changes.

### **eSports Arena | GitHub**

*Java Spring Boot, React.js, MongoDB, Firebase, WebSocket*

- Developing full-stack web application for games BGMI and PUBG.
- Creating RESTful APIs and MongoDB integration for live match and tournament data.
- Implementing Firebase Authentication and real-time updates using WebSocket.
- Web scraping with Jsoup for auto-updated news and admin tools.

### **Virtual Assistant | GitHub**

*Python, Speech Recognition, NLP*

- Developed AI assistant with speech recognition and NLP.
- Integrated APIs for weather, web search, and task automation.

### **File Encryptor | GitHub**

*Java, Cryptography, File Handling, AES*

- Built file encryption system using AES standards.
- Created GUI for easy file encryption/decryption with password protection.

### **EaseBookings | GitHub**

*Next.js, Express.js, MongoDB, Razorpay*

- Built a full-stack appointment booking platform featuring multi-step scheduling and timezone-aware availability checks.
- Designed a responsive dashboard with Next.js 13 and Tailwind CSS for real-time appointment tracking.

## TECHNICAL SKILLS

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**Languages:** Java, C++, Python

**Web & Frameworks:** React.js, Next.js, Node.js, Express.js, HTML, CSS, Tailwind CSS

**Databases:** MySQL, MongoDB, Supabase (PostgreSQL)

**DevOps & Cloud:** Git, GitHub Actions (CI/CD), Docker, Cloud Deployment (Vercel, Netlify)

**Tools:** GitHub, Git, VS Code, Postman

**Core Concepts:** OOPs, DBMS, REST APIs, System Design Basics

**Soft Skills:** Analytical Thinking, Team Leadership, Collaboration

## ACHIEVEMENTS

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Completed **Python Essentials** and **C++ Programming** through Spoken Tutorials.

Created a secure **File Encryptor** application implementing AES/RSA encryption standards.