

# Rakesh Kumar

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Ranchi, India

## PROFESSIONAL SUMMARY

**Full-Stack Developer** with **6+ months** of experience building **scalable web applications** and **RESTful APIs**. Proven track record in **hackathon competitions** and **optimizing system performance**. Specialized in **MERN stack development** with strong foundation in **data structures, algorithms**, and modern **cloud deployment** practices.

## EXPERIENCE

**Full-Stack Developer**  
*Digi Soul Tech Pvt. Ltd.*

Jul 2023 – Dec 2024  
Ranchi, India

- Architected and deployed **RESTful APIs** to automate business workflows, integrating with **5+ third-party services** and internal systems to streamline operations across departments
- Optimized **database query performance** through strategic **indexing** and **query refactoring**, achieving **20% reduction in processing time** and improving application responsiveness
- Implemented **secure authentication systems** and **data validation layers**, ensuring compliance with **security best practices** and reducing vulnerabilities by **25%** while maintaining **90% uptime SLA**

## EDUCATION

**Indian Institute of Technology, Mandi**  
*Minor in Computer Science Engineering — CGPA: 8.3/10*

Mandi, India  
*Expected: Dec 2025*

**Sarala Birla University**  
*Master of Computer Applications — CGPA: 7.43/10*

Ranchi, India  
*Expected: Jul 2026*

## PROJECTS

**Placed AI – AI-Powered Placement Assistant**

Jul – Aug 2025

*React, Node.js, Express, MongoDB, Fast API, Gemini AI*

- Engineered **full-stack AI platform** in **24-hour Tech-Pragati Hackathon** featuring **8+ intelligent modules** including **resume parser, job matcher**, and **AI-powered mock interview system** to streamline campus placement preparation workflows
- Achieved **25% improvement in job match accuracy** through **Gemini API** and **TensorFlow** integration for **real-time ATS scoring** and **personalized recommendations**, driving **20% increase in user engagement** based on deployment feedback
- Architected **scalable microservices architecture** using **MERN stack** with **Fast API**, implementing **JWT-based authentication** with **secure cookie sessions**, and deployed on **Vercel (frontend)** and **Render (backend)** for optimal performance

**Resumify – AI Resume Optimization Platform**

Apr – May 2025

*Next.js, Node.js, Express, MongoDB, AWS S3, Gemini AI*

- Developed **enterprise-grade Single Page Application** serving **400+ active student users** with **AI-driven resume optimization** and **ATS keyword analysis** to maximize interview callback rates across multiple industries
- Delivered **20% increase in user interview callback rates** through **AI-powered ATS keyword optimization**, while reducing support overhead by **35%** via **intelligent chatbot** handling **100+ FAQs** with **natural language processing**
- Implemented **performance-optimized Next.js frontend** with **AWS S3 integration** for document storage, achieving **95% Mobile** and **100% Desktop Lighthouse scores** through strategic **code-splitting** and **SEO best practices**

## TECHNICAL SKILLS

**Languages:** JavaScript, Python, C++, SQL, HTML5, CSS3

**Frontend:** React.js, Next.js, Tailwind CSS, Bootstrap, Framer Motion

**Backend:** Node.js, Express.js, FastAPI, RESTful APIs, JWT Authentication

**Databases:** MongoDB, MySQL, Google Sheets API

**Cloud & Tools:** AWS S3, Vercel, Render, Git, GitHub, Postman, VS Code, Google Analytics

**Core Concepts:** Data Structures & Algorithms, OOP, DBMS, System Design, Agile Methodologies

## ACHIEVEMENTS & LEADERSHIP

**2nd Place Winner, Innovate-A-Thon 3.0 (BIT Mesra)** – Developed **blockchain-based healthcare solution** in **Web3 hackathon**

**Co-Convener, SIIC** – Leading **startup incubation initiatives** and mentoring **15+ student entrepreneurs** at university level