RAKESH KUMAR

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LeetCode: leetcode.com/rakesh2604 | **HackerRank:** hackerrank.com/rakesh_kr2604

PROFESSIONAL SUMMARY

Computer Science graduate student with hands-on experience in Java, Python, and C++ programming, seeking Application Engineering Internship at Google. Proven ability to develop scalable software solutions, automate business processes, and build full-stack applications with APIs and database integration. Co-Convener of Startup Incubation Innovation Centre with demonstrated leadership in fostering innovation ecosystem and business process automation.

EDUCATION

Indian Institute of Technology, Mandi | Himachal Pradesh, India

Minor in Computer Science & Engineering | **CGPA: 8.9/10** | Oct 2024 - Present

Sarala Birla University, Ranchi | Jharkhand, India

Masters of Computer Application | **CGPA: 8.43/10** | Oct 2024 - Present

TECHNICAL SKILLS

Programming Languages: Java, C++, Python, JavaScript, TypeScript, SQL, HTML, CSS

Frameworks & Technologies: Spring Framework, React, Node.js, Django, REST APIs, Bootstrap

Web Services & APIs: RESTful APIs, SOAP Web Services, API Development, System Integration

Databases: MySQL, MongoDB

Development Tools: Git, Docker, VS Code

Enterprise Technologies: Business Process Automation, Configuration Management, Scalable Solutions

EXPERIENCE

Digi Soul Tech Pvt. Ltd. | **Developer** | Jul 2023 - Dec 2023

- **Business Process Automation:** Built Python scripts reducing manual effort by 40% and improving operational efficiency through enterprise software configuration
- **Data Processing & Integration:** Developed scalable solutions processing 1000+ records daily with 99.5% accuracy, implementing technical design best practices
- **System Integration & Configuration:** Collaborated with cross-functional teams to integrate automation tools with existing business systems and enterprise software
- **Technical Documentation & Issue Resolution:** Created comprehensive technical documentation for automated processes, enabling efficient troubleshooting and configuration management

PROJECTS

Decentralized Health Protocol dApp | *Web3.js, Ethereum, Solidity, JavaScript, TypeScript*

- **API Development & Web Services:** Built secure RESTful and SOAP APIs for data sharing, handling 500+ concurrent requests with scalable solutions architecture
- **Enterprise System Integration:** Designed QR-based patient ID system with smart contracts, ensuring 99.9% data integrity through configuration management and technical design
- **Database Management & Configuration:** Implemented distributed database supporting 500+ patient records with real-time synchronization and enterprise software integration
- **Business Process Automation:** Developed automated workflows reducing emergency response time by 30% through cross-functional collaboration and scalable solutions

PG Life - Accommodation Platform | *PHP, MySQL, JavaScript, Bootstrap, TypeScript*

- **Full-Stack Enterprise Development:** Built location-based accommodation search platform with advanced filtering and business process automation capabilities
- **Database Design & Configuration Management:** Architected MySQL database supporting 1000+ listings, reducing search response time by 60% through scalable solutions and technical design
- **User Authentication & System Integration:** Implemented secure login system with role-based access serving 300+ active users, incorporating enterprise software best practices
- **API Integration & Web Services:** Created RESTful and SOAP APIs for property management and booking workflows, enabling seamless cross-functional collaboration

ACHIEVEMENTS

- **Smart India Hackathon 2025 Finalist** - Selected for national finals after clearing internal hackathon, representing institutional excellence in innovation and technical design
- **Co-Convener, SIIC** - Leading startup incubation initiatives and fostering entrepreneurial ecosystem at university level with business process automation focus
- **2nd Place Winner** - Innovate-A-Thon 3.0 (BIT Mesra) Web3 Hackathon for blockchain healthcare solution demonstrating scalable solutions and enterprise software integration
- **5-Star Python Badge** - HackerRank certification recognizing top 15% performance in coding challenges and technical problem-solving

ADDITIONAL INFORMATION

- **Languages:** English (Fluent), Hindi (Native)
- **Availability:** Available for 6-month internship starting January 2026
- **Expected Graduation:** 2026 | **Location:** Open to relocation to Bengaluru