



THE ROB ROCKEFELLER STANDARD CARBON LLC
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EIN: 93-4657669 | Delaware LLC Reg. No. 6714331

CURRICULUM VITAE

RRSC AI Center Nepal · Senior Profile

Manoj Kumar Mahato

Senior Java Developer

RRSC AI Center Nepal

Former: Sr. Developer



PROFESSIONAL SUMMARY

Senior Java Developer with 14+ years of experience designing, developing, and maintaining enterprise-grade applications. Strong expertise in Java/J2EE technologies, Spring Framework (Spring Boot, Spring MVC, Spring Security), and microservices architecture. Proven track record of delivering scalable, secure, and high-performance systems for enterprise, government, and international projects. Skilled in API development, database integration, performance optimization, and system design. Experienced in leading development teams, mentoring engineers, and ensuring best practices in coding, testing, and deployment throughout the software development lifecycle.

EXPERTISE

- Strong expertise in developing enterprise applications using Java (J2SE/J2EE, Spring Boot, Hibernate).
- Experienced in building RESTful and SOAP APIs for web and enterprise system integration.
- Skilled in object-oriented programming (OOP), design patterns, and clean code architecture.
- Proficient in database design and management using MySQL, PostgreSQL, and Oracle Database.
- Experience in developing microservices-based architectures using Spring Boot and related frameworks.
- Hands-on experience with application servers such as Tomcat, JBoss, and WebLogic.
- Skilled in version control systems like Git and collaborative development in Agile/Scrum environments.
- Knowledge of security best practices for enterprise applications including authentication and authorization (JWT, OAuth2).
- Familiar with CI/CD pipelines, Docker, and cloud platforms (AWS/Azure).

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CURRICULUM VITAE — MANOJ KUMAR MAHATO — CONTINUED

MAJOR PROJECTS

- **Project Name: Consulting Services to Provide Managed Support Services on Application/System (IPFMS, FMIS/MFMIS, E-payment, RMIS, PAMS & SuTRA):** Client: Financial Comptroller General Office, Nepal, working as Sr. Java Developer.
- **Project Name: Electronic Building Permit System (eBPS),** worked as Sr. Java Developer.
- **Project Name: Accounting & Payroll Management System for** Client: Nepal Academy of Science and Technology (NAST), Nepal, worked as Sr. Java Developer.
- **Project Name: Fixed Asset Management system,** Client: NMB Bank Limited, Nepal, worked as Sr. Java Developer.
- **Project Name: HR Management System,** Client: British Gurkhas Nepal, worked as Sr. Java Developer.
- **Project Name: Courier Management System,** Client: United Sajha Courier, Nepal, worked as Sr. Java Developer.

EDUCATION

- Master of Computer Application (2014), KARNATKA STATE OPEN UNIVERSITY (KSOU), Mysore India
- Bachelor of Science in Information Technology (B. Sc.IT) (2012), CIMAGE College Patna India, KARNATKA STATE OPEN UNIVERSITY (KSOU), Mysore India

CENTRE AFFILIATION

The above professional operates within the RRSC AI Center Nepal — the wholly-affiliated Global Innovation Hub of The Rob Rockefeller Standard Carbon LLC for Artificial Intelligence, Cybersecurity, and Digital World, located in Lalitpur. The Centre operates from a 5,000+ sq. ft. dedicated facility staffed by 50+ certified IT engineers and 15 senior managers, with 200+ cumulative professional years and 14+ years of institutional delivery, under ISO 9001:2015 certification.

OPERATING FRAMEWORK

- **Strategic direction:** the Centre operates under the global strategic direction of the RRSC AI & Defense Division (Milan, Italy), reporting to the Group's Chief of Staff for AI, Cybersecurity, and Digital World.
- **Doctrine:** all engineering deliverables comply with the sovereign-AI doctrine, encryption standards, and architectural principles of the Group, including the AURYNTHEON AGI Initiative roadmap and the 4096-bit quantum-resistant cryptographic protocol.
- **Quality framework:** ISO 9001:2015 standards for software development lifecycle, quality assurance, configuration management, and customer satisfaction, applied to every Authorised Work executed at the Lalitpur centre.