Curriculum Vitae – World Bank				
S No	**General Information**			
1	Name of the Employee	Dr. KAVITA SINGH		
2	Present Designation in Ernst & Young	Project Consultant		
3	Date of Birth	31-08-1988		
4	Age	37 Years		
5	Nationality	Indian		
6	Total Years of Experience	9+ Years		
7	Total Experience with the Firm/Company (E&Y)	2 Years		
8	Address of the Company/ Firm			
	Telephone Number			
	E-Mail Address of the Employee			
	Location based out of in the Firm.			
9	Education			

	Degree (Specialization)	*Year*	*Institution*	
9.1	Ph.D.(Computer Application)	2019	National Institute of Technology (NIT), Raipur	
9.2	MCA (Computer Application)	2012	Pt. Ravishankar Shukla University, Raipur	
9.3	BCA(Computer Application)	2009	Veer Bahadur Singh Purvanchal University, Jaunpur	
10	Countries of Work Experience		Nil	
11	Employment			

	Employer	*From*	*To*	*Position/s Held*
11.1	Ernst & Young, India	July,2023	March,2021	Consultant
11.2	Chhattisgarh Infotech Promotion Society (CHiPS)	March,2021	June,2023	Software Developer
11.3	National Institute of Technology Raipur, DST-SERB	May,2017	January,2019	Project Staff
11.4	National Informatics Centre, Government of India, Raipur	August,2012	August,2015	Programmer

12	Summary of Key Clients Serviced	• Rajya NITI Aayog , Government of Chhattisgarh Developed multiple digital governance platforms such as the SDG Dashboard, Novenmesh Portal, and Viksit Chhattisgarh Portal to support data-driven policy making. • Chhattisgarh Infotech Promotional Society Led technical development for portals like the Right of Way Portal, Rajeev Yuva Mitaan Club Scheme Portal, and CG-STATE Portal to enhance citizen service delivery. • National Informatics Centre (NIC), Government of India Designed and maintained key e-Governance platforms including the e-Bill System and State Finance Commission Portal for public financial management.
13	Summary of Key Industries Serviced	• Government & Public Sector Extensive experience in building e-Governance platforms and digital transformation tools for state and central government bodies. • Higher Education & Research Contributed to funded academic research projects, algorithm

		development, and optimization studies at NIT Raipur and as part of DST-SERB grants. •
14	Detailed tasks handled (Domestic) ▪ Full-stack development using Angular, Node.js, MariaDB, and NGINX. ▪ Creation of scalable dashboards and web portals for government use. ▪ Implementation of RESTful APIs and server configurations. ▪ Advised on technical solutions for improving public service delivery. ▪ Handled version control, documentation, and maintenance cycles. ▪ Developed metaheuristic and hybrid optimization algorithms. ▪ Applied statistical and performance analysis using R.	
15	Project Experience	
15.1	Project 1: SDG Dashboard	
a.	Name of the client	Rajya NITI Aayog, Chhattisgarh
b.	Work Area	
c.	Location of the assignment	Rajya NITI Aayog, Chhattisgarh
d.	Name of the organization for which the individual was employed, while executing the assignment	Rajya NITI Aayog, Chhattisgarh
e.	Position Assigned	Project Consultant
f.	Role Played	
g.	About the Client & Business Challenges	
h.	Tasks Handled	Developed an SDG (Sustainable Development Goals) Monitoring Dashboard for Rajya NITI Aayog, Chhattisgarh, to support effective tracking and management of progress across various SDG indicators. The dashboard is actively used by both the Department and district-level authorities as a centralized tool for performance monitoring. It comprises two key components: the first is an analytical and visualization module that offers interactive charts, graphs, and data insights to evaluate progress on SDG targets; the second is a data entry module with secure, role-based login access for SDG-mapped departments, district officials, and Rajya NITI Aayog. Designed and implemented an efficient backend database to support robust data handling and reporting. Additionally, developed a responsive and user-friendly frontend interface to enhance usability. The entire system was securely hosted on a dedicated server machine following a successful security audit, ensuring reliable and secure access for all stakeholders. This solution enhances transparency, supports data-driven decision-making, and promotes efficient governance aligned with the Sustainable Development Goals. - Technology: Angular, Node JS, MariaDB, Java - Version Control: GIT - Server :NGINX - URL: [https://sdgspc.cg.gov.in/]
i.	Value Delivered to Client	
j.	Start Year	2023
k.	End Year (Year/Ongoing)	Ongoing

l.	Client Reference	
15.2	**Project 2: Rajya NITI Aayog, Website**	
a.	Name of the client	Rajya NITI Aayog, Chhattisgarh
b.	Work Area	
c.	Location of the assignment	Rajya NITI Aayog, Chhattisgarh
d.	Name of the organization for which the individual was employed, while executing the assignment	Rajya NITI Aayog, Chhattisgarh
e.	Position Assigned	Consultant
f.	Role Played	
g.	About the Client & Business Challenges	
h.	Tasks Handled	Designed and developed the official website for Rajya NITI Aayog, Chhattisgarh, to serve as a central platform for disseminating information, reports, policy documents, and updates related to state planning and development initiatives. The website features a clean, intuitive, and responsive user interface to ensure accessibility across devices and user groups. A secure and scalable backend database was implemented to manage dynamic content efficiently. The site includes modules for publications, events, media updates, SDG-related resources, and stakeholder engagement. Following a comprehensive security audit, the website was successfully deployed on a government-approved server environment, ensuring compliance with cybersecurity standards Development Goals. - Technology: Angular, Node JS, MariaDB - Version Control: GIT - Server :NGINX - URL: [https://niti.cg.gov.in/#/home]
i.	Value Delivered to Client	
j.	Start Year	
k.	End Year (Year/Ongoing)	
l.	Client Reference	
15.3	**Project 3: Novenmesh Portal**	
a.	Name of the client	Rajya NITI Aayog, Chhattisgarh
b.	Work Area	
c.	Location of the assignment	Rajya NITI Aayog, Chhattisgarh
d.	Name of the organization for which the individual was employed, while executing the assignment	Rajya NITI Aayog, Chhattisgarh
e.	Position Assigned	
f.	Role Played	
g.	About the Client & Business Challenges	
h.	Tasks Handled	The portal facilitates seamless uploading, sharing, and cross-learning of programs, implementation strategies, and best practices adopted by various departments and districts. It serves as a collaborative platform that promotes knowledge exchange and encourages the replication of successful initiatives across the state.

		By enabling easy access to innovative approaches and field-level insights, the portal strengthens inter-departmental coordination and accelerates the adoption of effective governance practices. - Technology: Angular, Node JS, MariaDB - Version Control: GIT - Server :NGINX - URL: [https://sdgspc.cg.gov.in/bestpractice/#/home]
i.	Value Delivered to Client	
j.	Start Year	
k.	End Year (Year/Ongoing)	
l.	Client Reference	
15.4	Project 4: Viksit Chhattisgarh	
a.	Name of the client	Rajya NITI Aayog, Chhattisgarh
b.	Work Area	
c.	Location of the assignment	Rajya NITI Aayog, Chhattisgarh
d.	Name of the organization for which the individual was employed, while executing the assignment	Rajya NITI Aayog, Chhattisgarh
e.	Position Assigned	Consultant
f.	Role Played	
g.	About the Client & Business Challenges	
h.	Tasks Handled	The portal facilitates seamless uploading, sharing, and cross-learning of programs, implementation strategies, and best practices adopted by various departments and districts. It serves as a collaborative platform that promotes knowledge exchange and encourages the replication of successful initiatives across the state. By enabling easy access to innovative approaches and field-level insights, the portal strengthens inter-departmental coordination and accelerates the adoption of effective governance practices. - Technology: Angular, Node JS, MariaDB - Version Control: GIT - Server :NGINX - URL: [https://sdgspc.cg.gov.in/bestpractice/#/home]
i.	Value Delivered to Client	
j.	Start Year	
k.	End Year (Year/Ongoing)	
l.	Client Reference	
15.5	Project 5: Right of Way	
a.	Name of the client	Chhattisgarh Infotech Promotion Society (CHiPS)
b.	Work Area	
c.	Location of the assignment	Chhattisgarh Infotech Promotion Society (CHiPS)
d.	Name of the organization for which the individual was employed, while executing the assignment	Chhattisgarh Infotech Promotion Society (CHiPS)

e.	Position Assigned	Software Developer (Team Lead)
f.	Role Played	
g.	About the Client & Business Challenges	
h.	Tasks Handled	Chhattisgarh is a digital initiative aimed at streamlining and enhancing the transparency of the permission process for establishing telecommunications infrastructure across the state. The portal facilitates a simplified and efficient mechanism for granting approvals to licensees for laying telecom infrastructure on government, semi-government, and private properties in both rural and urban areas. Designed to support the rapid expansion of digital connectivity, the system ensures compliance with regulatory norms while reducing delays and promoting ease of doing business in the telecom sector. -Technology: PHP, MySQL - Version Control: GIT - URL: https://row.cgstate.gov.in
i.	Value Delivered to Client	
j.	Start Year	
k.	End Year (Year/Ongoing)	
l.	Client Reference	
15.6	Project 6: Rajeev Yuva Mitaan Club Scheme, Chhattisgarh	
a.	Name of the client	Sports Department Chhattisgarh
b.	Work Area	
c.	Location of the assignment	Chhattisgarh Infotech Promotion Society (CHiPS)
d.	Name of the organization for which the individual was employed, while executing the assignment	Chhattisgarh Infotech Promotion Society (CHiPS)
e.	Position Assigned	Software Developer (Team Lead)
f.	Role Played	
g.	About the Client & Business Challenges	
h.	Tasks Handled	Rajiv Yuva Mitaan Yojana is a flagship initiative of the Hon'ble Chief Minister of Chhattisgarh, designed to empower the youth by creating opportunities for skill development, sports, community engagement, and leadership. The project aims to establish youth clubs—Yuva Mitaan Clubs—at the village and ward levels, serving as platforms for young individuals to participate in developmental activities and contribute meaningfully to society. A dedicated digital portal has been developed to manage the end-to-end operations of the scheme, including club formation, membership registration, fund disbursement, activity tracking, and performance monitoring. The platform ensures transparency, accountability, and efficient implementation across the state, ultimately nurturing a generation of proactive, skilled, and socially responsible youth. -Technology: PHP, MySQL - Version Control: GIT
i.	Value Delivered to Client	
j.	Start Year	
k.	End Year (Year/Ongoing)	

l.	Client Reference	
15.7	**Project 7: Metaheuristic techniques designed to solve NP-Hard combinatorial optimization problems**	
a.	Name of the client	National Institute of Technology Raipur, DST-SERB
b.	Work Area	
c.	Location of the assignment	National Institute of Technology Raipur, DST-SERB
d.	Name of the organization for which the individual was employed, while executing the assignment	National Institute of Technology Raipur, DST-SERB
e.	Position Assigned	Project Staff
f.	Role Played	
g.	About the Client & Business Challenges	
h.	Tasks Handled	Worked on algorithm research for combinatorial optimization under a DST-SERB funded project, utilizing C programming and Linux-based development environments. Developed customized heuristics and metaheuristic techniques to efficiently solve complex NP-Hard problems, contributing to advancements in optimization algorithms for practical, real-world scenarios.
i.	Value Delivered to Client	
j.	Start Year	
k.	End Year (Year/Ongoing)	
l.	Client Reference	
15.8	**Project 8: e-Kosh Online**	
a.	Name of the client	Directorate of Treasury , Raipur
b.	Work Area	
c.	Location of the assignment	National Informatics Centre, Government of India, Raipur
d.	Name of the organization for which the individual was employed, while executing the assignment	National Informatics Centre, Government of India, Raipur
e.	Position Assigned	Software Developer
f.	Role Played	
g.	About the Client & Business Challenges	
h.	Tasks Handled	Developed and supported the e-Kosh Online platform, a comprehensive treasury management system for the Government of Chhattisgarh. The system manages budget allocations, expenditure tracking, payment processing, and financial reporting. It plays a critical role in improving financial governance and ensuring timely disbursal of government funds.
i.	Value Delivered to Client	
j.	Start Year	
k.	End Year (Year/Ongoing)	
l.	Client Reference	
15.9	**Project 9 : e-Bill – Billing System for Directorate of Treasury**	

a.	Name of the client	Directorate of Treasury , Raipur
b.	Work Area	
c.	Location of the assignment	National Informatics Centre, Government of India, Raipur
d.	Name of the organization for which the individual was employed, while executing the assignment	National Informatics Centre, Government of India, Raipur
e.	Position Assigned	Software Developer
f.	Role Played	
g.	About the Client & Business Challenges	
h.	Tasks Handled	Developed and maintained the e-Bill system for the Directorate of Treasury, Chhattisgarh, to streamline bill processing, submission, and tracking for various departments. The system enables digital submission of bills, real-time status updates, and integration with treasury workflows, improving efficiency, transparency, and turnaround time for financial transactions.
i.	Value Delivered to Client	
j.	Start Year	
k.	End Year (Year/Ongoing)	
l.	Client Reference	

I, hereby confirm that all the information and details provided and updated by me in my Curriculum Vitae (CV) are true, accurate, and complete to the best of my knowledge and belief.

I acknowledge that I am solely responsible for the authenticity of the content included in the document and understand that any misrepresentation or false information may lead to appropriate corrective actions as per organizational policies.

Name: KAVITA SINGH _____

Signature: _____

Date (*Day/Month/Year)*: _____11/06/25_____