

The Future of Work in Guyana and the Caribbean: Skills That Will Drive Employment and Economic Growth by 2035

Prof. Dr. Stanley Anthony Vivion Paul (Sr.)¹, Prof. Dr. Justin Joseph², Prof. Stanley Anthony Vivion Paul (Jr.)³, Prof. Coretta McDonald⁴, Prof. Orande Kenneator Solomon⁵ and Prof. Shenelle Rambhajan⁶

¹Professor, University of Excellence, Management and Business (U.E.M.B.), Georgetown, GUYANA.

²Professor, University of Excellence, Management and Business (U.E.M.B.), Georgetown, GUYANA.

³Professor, University of Excellence, Management and Business (U.E.M.B.), Georgetown, GUYANA.

⁴Professor, University of Excellence, Management and Business (U.E.M.B.), Georgetown, GUYANA.

⁵Professor, University of Excellence, Management and Business (U.E.M.B.), Georgetown, GUYANA.

⁶Professor, University of Excellence, Management and Business (U.E.M.B.), Georgetown, GUYANA.

¹Corresponding Author: principal@uemb.edu.gy



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ABSTRACT

Caribbean economies are undergoing rapid transformation due to technological disruption, climate adaptation imperatives, demographic shifts, and global market integration. These forces are redefining the skills required for sustainable employment and economic competitiveness across the region. This article examines the emerging skillsets projected to dominate labour markets in Guyana and the wider Caribbean by 2035, drawing upon empirical labour-market analyses, international development reports, and regional economic assessments. The discussion identifies five critical competency clusters: digital and data fluency, adaptive leadership, entrepreneurial capability, sustainability-oriented skills, and cross-cultural communication. The article argues that higher-education institutions must redesign curricula, strengthen industry linkages, and incorporate flexible, skills-based learning pathways to prepare Caribbean graduates for an increasingly volatile global landscape. Strategic implications for policy, workforce development, and institutional reform are provided.

Keywords- Future of work, Caribbean labour markets, Guyana, digital fluency, adaptive leadership, entrepreneurial capability, sustainability skills, cross-cultural communication, curriculum redesign, economic diversification.

I. INTRODUCTION

Caribbean labour markets are entering a period of unprecedented change. Global technological advances, shifts in geopolitical alignments, new patterns of service-sector outsourcing, and the growing influence of digital platforms are expanding both opportunities and vulnerabilities for small economies (International Labour Organization (ILO), 2022). Caribbean states, including Guyana, face a dual challenge: raising productivity to align with global competitiveness standards while addressing persistent inequalities in educational access and workforce readiness.

International assessments consistently indicate that the region's current labour-force competencies do not fully align with projected future requirements (World Bank, 2023a). Economic diversification, the green-energy transition, and expanding digital service exports demand a new generation of workers equipped with advanced technical, cognitive, and socio-emotional skills. This article analyses the skills that will define the future of work in Guyana and the Caribbean by 2035, highlighting structural drivers of change and offering recommendations for education systems and policymakers.

II. DRIVERS RESHAPING THE CARIBBEAN LABOUR MARKET:

Technological Disruption:

Automation, artificial intelligence, and digital platforms are redefining occupations across all sectors. While automation threatens routine manual and clerical work, it simultaneously creates demand for jobs that require analytical reasoning, digital literacy, and human-centred competencies (McKinsey Global Institute, 2021).

Economic Diversification:

Guyana's expanding oil economy introduces new pressures and opportunities. The Caribbean Development Bank (2023) anticipates rapid growth in engineering services, logistics, project management, environmental monitoring, and compliance-driven professions across the region.

Climate and Sustainability Imperatives:

Caribbean states are among the most climate-vulnerable globally. This vulnerability accelerates demand for expertise in climate adaptation, renewable energy, environmental science, and disaster-risk management (United Nations Environment Programme (UNEP), 2022).

Demographic and Migration Dynamics:

Youth unemployment remains persistently high in several Caribbean countries, while migration creates both skills shortages and diaspora-driven opportunities (ILO, 2022). These drivers collectively influence the types of skills that will shape employability and economic competitiveness.

III. CRITICAL SKILLS FOR CARIBBEAN EMPLOYMENT IN 2035

Digital and Data Fluency:

Digital competence is emerging as a foundational requirement across all sectors. Data analytics, digital content development, cybersecurity, and platform-based service delivery are expanding within regional economies (World Bank, 2023b). Remote work, accelerated during the COVID-19 pandemic, continues to integrate Caribbean talent into international labour markets.

Adaptive and Ethical Leadership:

Caribbean organisations require leaders capable of navigating volatility, promoting ethical governance, and fostering organisational resilience. Research shows that adaptive leadership competencies, including strategic decision-making, emotional intelligence, and integrity-based management are among the strongest predictors of institutional success in developing economies (Northouse, 2022).

Entrepreneurial and Innovation Skills:

Entrepreneurship remains a critical engine of Caribbean development. Innovation-driven

microenterprises and small businesses dominate the regional productive landscape. Studies indicate that entrepreneurial capability, including opportunity recognition, financial literacy, and problem-solving, will be decisive in addressing youth unemployment and stimulating diversification (Caribbean Development Bank, 2023).

Sustainability and Green-Economy Competencies:

The region's shift toward climate-resilient development demands graduates proficient in renewable energy systems, environmental monitoring, sustainable agriculture, and climate finance (UNEP, 2022). Guyana's Low Carbon Development Strategy underscores the need for technical expertise in forest management, biodiversity conservation, and carbon-market governance.

Cross-Cultural and Global Communication:

Globalisation has expanded opportunities for Caribbean professionals in remote and outsourced service sectors. Effective communication across cultures, digital collaboration, and intercultural negotiation are increasingly valuable in international work settings (ILO, 2022).

IV. IMPLICATIONS FOR HIGHER EDUCATION IN THE CARIBBEAN

Curriculum Redesign:

Higher-education institutions must move beyond content-heavy, exam-centred models to emphasise applied competencies. Integration of digital literacy modules, data-skills training, and work-integrated learning experiences is essential (World Bank, 2023a).

Strengthening University-Industry Collaboration:

Partnerships between universities, private-sector firms, and government agencies can facilitate curriculum relevance, internship pipelines, and labour-market alignment. Evidence demonstrates that strong industry linkages increase graduate employability and regional competitiveness (McKinsey Global Institute, 2021).

Flexible Learning Pathways:

Micro-credentials, competency-based education, and short-course specialisations allow learners to reskill and upskill rapidly in response to market demands. Caribbean tertiary institutions must integrate modular learning to support both youth and adult learners.

Faculty Development and Institutional Capacity Building:

Academic staff must be equipped to teach emerging skills and adopt modern pedagogical approaches. Professional development, digital-teaching certification, and investment in educational technology are essential components of institutional reform (ILO, 2022).

V. POLICY CONSIDERATIONS FOR GUYANA AND THE WIDER CARIBBEAN

National Workforce Strategies:

Governments should adopt forward-facing skills strategies grounded in labour-market forecasting and economic diversification plans. Long-term planning is crucial for synchronising education outputs with projected industry needs.

Digital Infrastructure Investment:

Reliable broadband, universal device access, and digital public platforms form the backbone of future labour-market readiness. Integrated ICT policies reduce inequality and expand employment opportunities (World Bank, 2023b).

Incentives for Innovation and Entrepreneurship:

Tax incentives, grant funding, and business-incubation programs can support a transition to innovation-driven economies.

Climate-Smart Workforce Development:

Investment in green-economy training programs will prepare the labour force for climate-resilient employment pathways.

VI. CONCLUSION

The future of work in Guyana and the Caribbean will be shaped by rapid technological advancement, shifting economic structures, and the urgent need for climate resilience. These dynamics demand a workforce equipped with digital proficiency, adaptive leadership capacity, entrepreneurial capability, sustainability skills, and global communication competencies. Higher-education institutions must assume a strategic role in shaping this workforce through curriculum reform, innovative pedagogy, industry partnership, and institutional capacity building. Policymakers must simultaneously invest in digital infrastructure, workforce strategies, and climate-smart development.

Caribbean countries that adapt quickly and systematically will position themselves to participate competitively in global markets, reduce structural unemployment, and unlock new pathways for sustainable growth.

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