

Cover Letter

I am an experienced IT professional with over nine years of expertise in software development, IT consulting, and academic research. My background spans full-stack web development, system architecture, and algorithm design, with a strong focus on delivering scalable, high-performance solutions for both government and enterprise systems. I have successfully led the development of several web portals aimed at digital transformation and public service delivery, utilizing technologies such as Angular, Node.js and MariaDB. My work includes real-time dashboards, policy management platforms, and data-driven monitoring tools.

With a Ph.D. in Computer Science specializing in metaheuristic techniques for NP-Hard problems, I bring a research-driven approach to solving complex technical challenges. During my research, I developed and implemented heuristic and hybrid optimization algorithms using **C and Unix-based environments**, supported by data analysis in R. My contributions have been published in reputed international journals and presented at leading conferences. I am passionate about building systems that create meaningful impact, and I continuously strive to blend innovation with practical, efficient solutions.

I look forward to opportunities where I can contribute my skills to challenging and purpose-driven projects and collaborate with teams that value technical excellence and continuous learning.