Analysis of Tech Stack Demand for Software Engineering Roles in Bangladesh and the Rest of the World

Objective: To critically evaluate and compare the demand for various software development tools and technologies—covering front-end, back-end, databases, cloud platforms, version control systems, project management tools, and Software QA Tools—based on real-world job requirements in Bangladesh, Europe, US, China and Japan tech industry.

Your task is to:
- Reviewing recent job postings from reputable sources.
- Analyzing industry reports and surveys.
- Conducting interviews or surveys with industry professionals (if applicable).
- Present your findings in an engaging and informative "**hand-written**" format in 2 pages max (both side of 1 paper)

Deadline: Handwritten Assignment on 29-September-2025 (Mon) at 01:40 PM @ Room#PD108

Please evaluate which tech-stack is in high-demand in the aforementioned 5 industries. Below are some examples:

Category	Technologies
Front-End	React.js, Angular, Vue.js, HTML5, CSS3 etc.
Back-End	Node.js, Python (Django, FastAPI), Java, PHP, .NET etc.
Databases	MySQL, PostgreSQL, MongoDB, Redis etc.
Cloud Platforms	AWS, Azure, Google Cloud, Vercel etc.
Version Control	Git, GitHub, Bitbucket, SVN etc.
QA Tools	Selenium, Appium (Mobile app), Jmeter etc.
Project Management	Jira, Trello, Asana etc.