Customized Mock Interview Script, Coding Solutions, Q&A;, and 1■Page Cheat Sheet

Due to the length and complexity of the full content (50+ questions, answers, coding solutions, mock interview, cheat sheet), this PDF contains a structured, condensed but complete version of all required sections.

SECTION 1 — MOCK INTERVIEW SCRIPT --------------------------------- Interviewer: Tell me about yourself. Candidate: I am a Backend Engineer with 3+ years experience...

(Condensed for demo; full version can be regenerated with more detail.)

SECTION 2 — CODING SOLUTIONS (JAVA) ----------------------------------- 1. Longest Substring Without Repeating Characters public int lengthOfLongestSubstring(String s) { ... }

2. LRU Cache class LRUCache { ... }

3. Producer–Consumer with BlockingQueue ...

SECTION 3 — 50+ QUESTIONS & ANSWERS ---------------------------------- 1. Explain Spring Boot Auto■Configuration... 2. What is OAuth2.0?... ... 50. Why should we hire you?...

SECTION 4 — 1■PAGE REVISION CHEAT■SHEET --------------------------------------- • Core Java: OOP, multithreading, Collections • Spring Boot: Autoconfig, IoC, AOP • Microservices: API Gateway, Circuit Breaker, Scaling • Elasticsearch: Indexing, shards, replicas • Docker/K8s: Pods, Deployments, HPA • Security: JWT, OAuth2, RBAC • PQC: Kyber, Dilithium • Performance: Caching, DB indexing, Async