



MIRA MEHTA

Performance Test Engineer

load modelling, JMeter, k6

Kochi, India | mira.mehta@example.com | ROLE 04-04

FICTIONAL SAMPLE - all employers, qualifications and outcomes are illustrative and unverified.

EXECUTIVE SUMMARY

Performance Test Engineer with an illustrative 13-year career in software quality engineering and release assurance. Combines load modelling, jmeter, k6 with disciplined documentation, practical coordination and clear communication. The sample career progresses from focused execution to independent workstream ownership, with responsibilities and boundaries described for each appointment.

Selected work includes peak-demand simulation, api latency investigation and performance release gate. These examples explain the original problem, individual contribution, deliverables, review approach and remaining limitations rather than relying on unsupported headline claims.

Prepared for experienced performance test engineer opportunities requiring dependable delivery, thoughtful professional judgement and collaboration. The qualification narrative includes M.Tech in Systems Engineering. Every named organisation and outcome in this record is fictional; professional eligibility is not independently established.

AT A GLANCE

13 years

ILLUSTRATIVE CAREER

4

CAREER APPOINTMENTS

3

WORK EXAMPLES

2

EDUCATION RECORDS

CORE COMPETENCIES

load modelling / JMeter

k6 / observability

capacity analysis / profiling

SQL / performance reporting

PROFESSIONAL MISSION

Turn a clear brief into dependable software quality engineering and release assurance work: understand the context, apply load modelling and jmeter, record the evidence and explain the limitations before handover.

Career family: Software Testing & Quality | Snapshot: 2026-09-22

PROFESSIONAL EXPERIENCE / RECENT

Performance Test Engineer

Meridian Quality Engineering (fictional)

Jul 2022 - Present | Kochi, India

Independent ownership of scoped performance test engineer work, coordinating contributors and making review requirements explicit. Includes the first two selected work examples.

- Defined representative workloads and staged load experiments.
- Correlated percentile latency with database and queue signals.
- Led brief clarification and prioritised work using load modelling, jmeter and k6. Raised unresolved constraints before committing to the next stage.
- Coordinated peer reviews and handover preparation; used a test strategy and coverage map to distinguish completed work, assumptions and follow-up needs.
- Supported colleagues with practical examples of observability and maintained a concise learning record after important assignments.

Illustrative career responsibilities. Employer confirmation and underlying work records are not supplied.

Senior Performance Test Engineer

Northline Quality Engineering (fictional)

Jul 2018 - Jun 2022 | Kochi, India

Owned defined assignments and supported cross-functional coordination. Developed deeper practice in k6 and observability.

- Created repeatable benchmarks with environment limitations.
- Translated incoming requirements into a sequenced plan and aligned responsibilities with the project or service owner.
- Applied capacity analysis and profiling to resolve delivery questions while maintaining source and decision notes.
- Introduced reusable working documents and reviewed exceptions with the responsible specialist rather than silently changing scope.
- Prepared a release-readiness assessment so the next team could understand the work and remaining questions.

Illustrative career responsibilities. Employer confirmation and underlying work records are not supplied.

PROFESSIONAL WORKING PRINCIPLES

- Convert acceptance criteria into risk-based tests with observable expected results.
- Keep representative test data separate from confidential production records.
- Explain coverage limits and residual risks rather than claiming that testing proves perfection.

PROFESSIONAL EXPERIENCE / EARLIER

Performance Test Engineer

Cedarbridge Quality Engineering (fictional)

Jul 2015 - Jun 2018 | Kochi, India

Progressed from supported tasks to independently managed assignments, with review available for unfamiliar or higher-risk decisions.

- Handled recurring work involving load modelling and jmeter using a documented preparation and review process.
- Supported api latency investigation by organising inputs, maintaining issue notes and incorporating reviewer feedback.
- Coordinated colleagues and internal stakeholders using concise status updates, clear questions and agreed next steps.
- Improved record consistency through sql and documented handover expectations.

Illustrative career responsibilities. Employer confirmation and underlying work records are not supplied.

Assistant Performance Test Engineer

Cedarbridge Quality Engineering (fictional)

Jul 2013 - Jun 2015 | Kochi, India

Built practical foundations through supervised assignments, routine documentation and feedback from experienced colleagues.

- Assisted with load modelling and k6 within an agreed scope and escalated unfamiliar work.
- Prepared inputs and checked completeness before passing work to the responsible reviewer.
- Maintained task records and learned to communicate assumptions, constraints and observed problems clearly.
- Applied review feedback to subsequent assignments and developed a dependable working routine.

Illustrative career responsibilities. Employer confirmation and underlying work records are not supplied.

SELECTED CONTRIBUTIONS

Peak-demand simulation. Defined representative workloads and staged load experiments. The achievement is the described workstream contribution; independent outcome evidence is not supplied.

API latency investigation. Correlated percentile latency with database and queue signals. The achievement is the described workstream contribution; independent outcome evidence is not supplied.

Performance release gate. Created repeatable benchmarks with environment limitations. The achievement is the described workstream contribution; independent outcome evidence is not supplied.

SELECTED WORK / 01

Peak-demand simulation

P1 | Jan 2023 - Jun 2023 | FICTIONAL WORK EXAMPLE

Context. Fictional internal work programme in software quality engineering and release assurance; not a real client case study.

Problem. Capacity discussions lacked a realistic traffic model.

Objective. Create a workable response to this issue through load modelling, explicit review criteria and practical documentation. Agree the boundaries before execution and retain unresolved points for follow-up.

Contribution and ownership. Performance Test Engineer; owned the stated workstream, not the full organisation or every collaborator contribution.

- Defined representative workloads and staged load experiments.
- Prepared the scope with the commissioning team, identified unresolved inputs and used load modelling to turn the brief into a sequenced work package.
- Applied jmeter and k6 while coordinating reviews with the designated owner. Kept decision notes so collaborators could separate facts, assumptions and changes.
- Assembled the handover material, explained open limitations and agreed which items needed further review rather than presenting them as completed.

Methods. load modelling / JMeter / k6 / observability

Deliverables. Peak-demand simulation - scoped brief; Peak-demand simulation - reviewed working package; Peak-demand simulation - handover and learning summary

Review. Reviewed the scoped output against the agreed brief, recorded exceptions and checked that key conclusions could be traced to observations. The review package calls for a test strategy and coverage map and a named human reviewer.

Illustrative outcome: the team adopted a repeatable approach for peak-demand simulation, with clearer ownership and reviewable records. This is a fictional qualitative result; no real performance measurement or external acceptance evidence is supplied.

Suggested evidence (not supplied): test strategy and coverage map; defect reproduction record; release-readiness assessment.

SPECIALIST PRACTICE

Quality evidence

The sample focuses on load modelling, jmeter, k6. Approvals, supervision and specialist input are identified in each work package; work outside this scope is referred to the designated responsible person.

Peer learning and practical guidance. Created short examples on load modelling and observability for colleagues. Separated personal preferences from agreed team procedures and recorded useful questions.

Review and handover discipline. Facilitated practical reviews of api latency investigation, ensuring that unresolved issues retained a named owner rather than disappearing from final presentations.

Results refer to a bounded sample system and test window, not a guarantee of defect-free software.

SELECTED WORK / 02 AND 03

API latency investigation

P2 | Jan 2024 - Jun 2024 | Meridian Quality Engineering (fictional)

Problem. Average response time concealed slow tail requests.

Objective. Create a workable response to this issue through jmeter, explicit review criteria and practical documentation. Agree the boundaries before execution and retain unresolved points for follow-up.

Ownership. Performance Test Engineer; owned the stated workstream, not the full organisation or every collaborator contribution.

- Correlated percentile latency with database and queue signals.
- Prepared the scope with the commissioning team, identified unresolved inputs and used k6 to turn the brief into a sequenced work package.
- Applied observability and capacity analysis while coordinating reviews with the designated owner. Kept decision notes so collaborators could separate facts, assumptions and changes.
- Assembled the handover material, explained open limitations and agreed which items needed further review rather than presenting them as completed.

Methods. JMeter / k6 / observability / capacity analysis

Delivered. API latency investigation - scoped brief; API latency investigation - reviewed working package; API latency investigation - handover and learning summary

Illustrative outcome: the team adopted a repeatable approach for api latency investigation, with clearer ownership and reviewable records. This is a fictional qualitative result; no real performance measurement or external acceptance evidence is supplied.

Suggested evidence (not supplied): test strategy and coverage map; defect reproduction record; release-readiness assessment.

Performance release gate

P3 | Jan 2019 - Jun 2019 | Northline Quality Engineering (fictional)

Problem. New releases lacked a comparable baseline.

Objective. Create a workable response to this issue through k6, explicit review criteria and practical documentation. Agree the boundaries before execution and retain unresolved points for follow-up.

Ownership. Performance Test Engineer; owned the stated workstream, not the full organisation or every collaborator contribution.

- Created repeatable benchmarks with environment limitations.
- Prepared the scope with the commissioning team, identified unresolved inputs and used capacity analysis to turn the brief into a sequenced work package.
- Applied profiling and sql while coordinating reviews with the designated owner. Kept decision notes so collaborators could separate facts, assumptions and changes.
- Assembled the handover material, explained open limitations and agreed which items needed further review rather than presenting them as completed.

Methods. k6 / observability / capacity analysis / profiling

Delivered. Performance release gate - scoped brief; Performance release gate - reviewed working package; Performance release gate - handover and learning summary

Illustrative outcome: the team adopted a repeatable approach for performance release gate, with clearer ownership and reviewable records. This is a fictional qualitative result; no real performance measurement or external acceptance evidence is supplied.

Suggested evidence (not supplied): test strategy and coverage map; defect reproduction record; release-readiness assessment.

EDUCATION AND SPECIALIST LEARNING

M.Tech in Systems Engineering

Asterbridge Institute of Professional Studies (fictional institution)
Jul 2011 - May 2013 | completed - fictional record
Focus: load modelling, JMeter, observability. Specialist study on peak-demand simulation; an illustrative learning project, not a published result.

B.Tech in Computer Science

Cedarhaven College of Applied Studies (fictional institution)
Jul 2007 - May 2011 | completed - fictional record
Focus: k6, capacity analysis, profiling. Applied coursework in load modelling, documentation and reviewed practical assignments.

CONTINUING PROFESSIONAL DEVELOPMENT

Risk-based testing workshop (2023). Load modelling and observability in the context of performance test engineer work. Used reflective exercises and a bounded practice example related to peak-demand simulation.
Test-data design practicum (2024). Jmeter and capacity analysis in the context of performance test engineer work. Used reflective exercises and a bounded practice example related to api latency investigation.
Defect communication clinic (2025). K6 and profiling in the context of performance test engineer work. Used reflective exercises and a bounded practice example related to performance release gate.

Provider for these illustrative learning records: Meridian Professional Learning Studio (fictional). Not a licence or certification.

LANGUAGES AND WORKING PREFERENCES

English and Hindi - professional working proficiency in this fictional record.
Work arrangement: hybrid; remote feasibility discussed per role. Relocation: open to discussion - sample preference. Availability: not confirmed; discuss before an interview.

CREDENTIAL AND EVIDENCE STATUS

Results refer to a bounded sample system and test window, not a guarantee of defect-free software.
Synthetic qualification and institution names illustrate profile fields only; they are not a validated qualification route or recognised accreditation claim.
No real referee, endorsement, award, publication, membership or licence is supplied.

Use for templates, product demonstrations and test data only. Replace fictional claims and remove the demo label only after approval of real candidate information.
Contact placeholder: mira.mehta@example.com. No phone, live profile URL or verified reference is supplied.
Complete machine-readable data: profile.json. Interactive companion: portfolio.html. Reference CV used for structure only; this is not Ajay Prajapat's biography.