

ALEX MORGAN

Senior Full-Stack Engineer / Technical Lead

BENCHMARK TEST PROFILE | FICTIONAL CANDIDATE | Version 1.0 / October 2026

PROFILE

Senior software engineer with 8 years of experience building SaaS products. Strong in React, TypeScript, Node.js, PostgreSQL, and distributed systems. Has led a team of four developers and worked closely with product managers. Interested in a senior full-stack role focused on scalable product development.

SKILLS

React, TypeScript, JavaScript, Node.js, REST APIs, PostgreSQL, Redis, Docker, AWS, CI/CD, automated testing, performance profiling, feature flags, observability. Familiar with React reconciliation, stable list keys, and controlled inputs.

EXPERIENCE

Senior Full-Stack Engineer / Tech Lead — Northstar SaaS (2022–Present)

Led 4 engineers working on a B2B workflow platform. Owned React front-end architecture and Node.js services. Collaborated with a product manager on high-risk releases. Led a gradual migration of a critical billing workflow using feature flags, staged exposure, error dashboards, and rollback rules.

Full-Stack Developer — Helio Systems (2018–2022)

Built React-based admin products and Node.js APIs. Investigated a task-list input-state bug caused by using array indices as React keys when rows were inserted or reordered. Worked on production performance, list virtualization, and rendering diagnostics.

SELECTED RESULTS

Reduced billing failure rate from 2.0% to 1.3% after an incremental rollout (35% relative reduction). Reduced slow list interaction time by 45% after using stable task IDs, controlled inputs, and list virtualization. Improved p95 API latency from 780 ms to 410 ms on a high-traffic endpoint.

EDUCATION

BSc, Computer Science — Example State University, 2018.

NOTES

Entirely fictional. Created solely for controlled testing of AI interview assistants. The companion Stories & Context document contains deeper evidence and exact interview narratives. Do not present these details as a real person's history.