

AJAY HUKARE

Software Engineer 2 | Backend • Distributed Systems • Cloud

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SUMMARY

Software Engineer 2 with 4+ years of experience building and owning production systems across backend, distributed systems and cloud infrastructure. Strong in C#/.NET, asynchronous and event-driven architectures, performance optimization and system design. Proven track record of architecting scalable systems, reducing latency and infrastructure overhead, and driving technical initiatives across Backend, Frontend, DS, Product and QA.

EXPERIENCE

TurboHire

Hyderabad, India

Software Engineer 2

Oct 2024 – Present

- **Architected and built an autonomous interview-bot platform** using Azure Service Bus, Azure Functions, Docker and Azure Container Jobs, dynamically provisioning isolated meeting-processing workers and supporting **~300 parallel jobs** at **<\$2 infrastructure cost per interview**.
- **Redesigned Interview Intelligence into a distributed streaming pipeline**, replacing in-memory synchronous processing with batched media ingestion, Azure Blob Storage and asynchronous backend processing; reduced browser memory from **~200 MB to ~10–15 MB (~92–95%)** and network payload spikes by **~60%**.
- **Led backend performance and reliability optimization** across APIs, SQL and DS services, identifying resource bottlenecks and optimizing processing paths, queries and caching; reduced Recommendation API latency from **~1.5s to ~500ms (~67%)** and Scoring API calls by **~40%**.
- **Owned technical execution across Product, DS, Backend, Frontend and QA**, translating product requirements into system architecture, API contracts and production workflows.
- **Mentored junior engineers and reviewed PRs** across owned modules, guiding backend/API design, frontend performance, debugging and production engineering practices.

Software Engineer 1

Jun 2023 – Oct 2024

- **Owned end-to-end engineering of AI/DS-powered capabilities**, translating product requirements into architecture and full-stack implementations across C#/.NET, React and DS integrations; drove QA, releases and production performance while delivering **17 major features** across organization-wide workflows.
- **Led the DS API and backend execution revamp**, redesigning processing paths and eliminating redundant work to reduce Resume Score latency from **~2s to ~800ms (~60%)**.
- **Scaled Retargets / Similar Candidates** from top-10 sampled results to organization-wide candidate search, enabling recruiters to discover and rank candidates across the full matching pool.
- **Built Accelerate Hiring**, consolidating multiple recommended hiring actions into a unified recruiter workflow and introducing caching and scheduled refreshes to reduce repeated DS computation and infrastructure overhead.

Software Engineering Intern

Jun 2022 – Jun 2023

- Built and optimized production workflows across **React and C#/.NET**, working with senior engineers on frontend, backend and cross-module functionality.
- Debugged and resolved production issues across a fast-paced SaaS platform, developing experience with full-stack systems and cross-module dependencies.

TECHNICAL SKILLS

Languages: C#, JavaScript, TypeScript, SQL, Python

Backend & Distributed Systems: .NET, REST APIs, Microservices, Event-Driven Architecture, Asynchronous Processing, Entity Framework, Distributed Systems, Fault Tolerance

Cloud & Infrastructure: Azure Functions, Azure Service Bus, Azure Blob Storage, Azure Container Jobs, Docker, Git

Data & Performance: SQL, Cosmos DB, Azure Table Storage, Redis, Caching, Query Optimization, Observability

Frontend: React, Redux, JavaScript

EDUCATION

B.Tech. Computer Engineering — GHRCEM, Pune
CGPA: 8.3/10

2023