Iqbaal Shah

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Professional Summary

Backend-focused Software Engineer with **4 years** of experience building **scalable systems** and **fintech workflows**, specializing in **payout and financial systems**. Proficient in **Node.js, TypeScript, and GraphQL**, with strong expertise in **SQL optimization**, **transaction management**, and handling **high-volume data systems**. Previously worked on **high-traffic platforms (100K+ users)**, improving system performance, scalability, and reliability through efficient backend design and concurrency control.

Technical Skills

Languages: JavaScript, TypeScript, SQL
Backend: Node.js, NestJS, Express.js, GraphQL, REST APIs
Frontend: React.js, Next.js
Databases: MySQL, MongoDB, Redis
Concepts: System Design, Query Optimization, Transactions & Concurrency Control
Cloud & Tools: AWS (S3, EC2, CloudFront), Docker, Git, CI/CD

Professional Experience

Software Engineer – Backend Jan 2026 – Present
Ambak *Gurugram, India*

- Developed and optimized backend APIs using **Node.js** and **GraphQL** for financial workflows
- Built and maintained payout/disbursement systems handling **high-volume financial transactions at scale**, ensuring data accuracy and consistency
- Optimized complex SQL queries for payout and reporting systems, reducing response time from **5 seconds to under 1 second**
- Implemented transaction management and **concurrency control (pessimistic locking)** to prevent race conditions and ensure data integrity
- Diagnosed and resolved production issues in critical financial systems, improving system reliability and stability

Software Developer Jan 2024 – Jan 2026
Nishtya Infotech (Jobaaj Group) *Agra, Uttar Pradesh, India*

- Developed and scaled a high-traffic job portal (**100K+ daily users**), implementing query optimization and caching strategies, reducing response time by **40%**
- Built and maintained **React.js dashboards** and backend-integrated tools, improving scalability and increasing uptime by **50%**
- Designed HRMS and employee management systems with role-based access control for **200+ users**, reducing manual effort by **35%**
- Engineered data pipelines processing **400–700 records/day** with robust validation and error handling
- Improved document processing systems, enhancing storage efficiency and processing speed by **40%**

Full Stack Developer Jul 2022 – Dec 2023
Nishtya Infotech (Jobaaj Group) *Agra, Uttar Pradesh, India*

- Developed Candidate Coordination Dashboard (CCD), improving workflow efficiency by **30%**
- Integrated payment gateways, increasing transaction success rate by **25%**
- Automated internal workflows, reducing manual effort by **35%**

Certifications & Achievements

AWS Cloud Practitioner Essentials || Data Structures & Algorithms || DBMS || SQL

Education

Master of Computer Applications (MCA) Jul 2022 – Jul 2024
Dr. A.P.J. Abdul Kalam Technical University *Agra, India*

Bachelor of Computer Application (BCA) 2019 – 2022
Dr. Bhim Rao Ambedkar University *Agra, India*