

Maqsood Ahmed

Full Stack Developer | Backend Specialist

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Summary

Collaborative and results-driven **Full Stack Developer** with over **2 years** of experience building scalable backend systems using **Node.js**, **Express.js**, and **MongoDB**. Known for **boosting API performance by 40%**, ensuring **99.9% uptime**, and deploying robust authentication with **JWT**, **OAuth 2.0**, and **Clerk**. Excellent communicator with a strong focus on clean code, **problem-solving**, and delivering maintainable, secure systems.

Key Achievements

- Increased **API throughput** by **50%** using async operations and **load balancing**.
- Decreased bug rate by **40%** through enhanced **CI/CD pipelines** and test coverage.
- Completed **1000+ commits/month** consistently, showcasing dedication and productivity.

Technical Skills

Languages & Tools: TypeScript, JavaScript (ES6+), SQL, C++, Python, Java, Git, VS Code, Linux, Ubuntu

Backend: Node.js, Express.js, REST APIs, GraphQL, WebSockets, JWT, OAuth 2.0, Clerk, RBAC

Frontend: React.js, Next.js

Databases: MongoDB, MySQL, Firebase

DevOps & Testing: Docker, GitHub Actions, CI/CD, Postman

Architectures: Microservices, Serverless, MVC

Experience

Full Stack Developer (Freelance)

Jan 2023 – Present

- Designed high-performance **Node.js** services handling **10k+ requests/min**.
- Reduced latency by **35%** via query optimization and **Redis** caching.
- Boosted **MongoDB** performance by **40%** using indexing and schema design.
- Implemented **JWT/OAuth 2.0** authentication with **RBAC** for secure access control.
- Built and deployed containerized apps with **Docker** and CI/CD workflows.
- Enhanced system resilience, ensuring **99.9% uptime** and seamless deployments.
- Managed **10+ client projects**, improving delivery timelines by up to **30%**.
- Collaborated with cross-functional teams, improving team velocity and feedback loop.

Projects

Microservices-Based Blogging Platform (React + Node.js + Docker)

[Link](#)

- Built event-driven **microservices** for Posts, Comments, Moderation, Query, and custom Event Bus.
- Simulated NATS-like pub-sub system and **deployed** each service using **Docker**.
- Improved scalability by separating concerns across services using **REST APIs**.
- Integrated real-time updates using **WebSockets** to notify users instantly.

IMS-Connect (MERN Stack Production App)

[Link](#)

- Developed **scalable backend** with secure login/signup using JWT, **refresh tokens**, and rate limiting.
- Enabled real-time voting and chat with **WebSockets**, boosting user engagement by **60%**.
- Reduced MongoDB query latency by **40%** via compound indexes and **schema design**.
- Deployed** production build with Docker; achieved Lighthouse score of **95+** in performance.

FinVault – Personal Finance Tracker (Next.js + Node.js + MySQL)

[Link](#)

- Built full-stack finance app with **Next.js** frontend and secure REST APIs using Node.js.
- Integrated **Clerk** for OAuth 2.0 login via Google and GitHub; **improved UX** by **35%**.
- Designed normalized **MySQL** schema for budgets, transactions, and categories.
- Developed insights dashboard with interactive charts; improved financial visibility for users.

Education

Bachelor of Computer Science

Iqra University, Islamabad

2023 – Present
CGPA: 3.70 / 4.00

Certifications

- HackerRank:** Certified in **Node.js**, **JavaScript**, **SQL**, **REST APIs**, **Problem Solving**
- LeetCode:** Solved **250+ problems** with a 100-day streak

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