MUHAMMAD TARIQ

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SUMMARY

Backend Developer with proven expertise in Node.js, Express.js, TypeScript, JavaScript, and Golang, focused on building robust, scalable, and efficient backend systems. Experienced in designing RESTful and gRPC APIs, integrating real-time communication with WebSockets, and managing complex data flows across microservices. Proficient in database design and optimization using MongoDB, PostgreSQL, and MySQL, with a strong emphasis on clean architecture, performance tuning, and system reliability. Adept at asynchronous processing and distributed systems using RabbitMQ and Kafka. Passionate about backend engineering, clean code practices, and delivering reliable infrastructure to support high-impact applications.

TECHNICAL SKILLS

- **Programming Languages & Frameworks**: Golang, TypeScript, JavaScript, NodeJS, ExpressJs, C++, React.js, GraphQL, gRPC,
- **Databases & Tools**: PostgreSQL, MySQL, MongoDB, Docker, RabbitMQ, Apache Kafka
- **Software Development**: System Architecture, Microservices, Performance Optimization

PROFESSIONAL EXPERIENCE

TARGET TECHNOLOGIES PAKISTAN   July 2025 – Present
Backend Developer
- Architecting and developing high-performance backend services.
- Designing and implementing both RESTful APIs and gRPC-based microservices for secure, efficient, and scalable service-to-service communication
- Integrating WebSocket-based real-time systems for live fleet tracking, shipment updates, and driver coordination
- Implementing payment gateway integrations to enable seamless and secure transaction flows within the platform
- Handling complex logistics workflows including route optimization, delivery scheduling, and shipment lifecycle management
- Writing robust, modular, and testable code with a strong focus on clean architecture, scalability, and maintainability
- Collaborating with frontend engineers, DevOps, and product teams to deliver high-impact features with optimal system performance

ZAMH TECH LLC   Sep 2024 – June 2025
Backend Developer
- Improved server performance by 25%, ensuring seamless real-time functionality using Socket.io.
- Reduced system latency and enhanced user experience by 10% through optimized caching strategies and architectural improvements.
- Designed and implemented robust real-time features, including notifications, live chat, and live updates, maintaining 99.9% uptime.
- Conducted in-depth debugging and optimization, reducing bugs by 35% and improving overall code quality.
- Enhanced application scalability and data integrity, achieving a 20% improvement in system performance.
- Performed thorough code reviews and database optimizations, reducing technical debt by 15% and ensuring zero downtime during feature deployments.

CapregSoft Ltd.   Jan 2023 - Aug 2024
Backend Developer
- Developed and maintained full-stack web applications, improving user engagement by 12% and reducing loading times by 10%.
- Optimized server performance by 25% through strategic system architecture improvements.
- Implemented real-time updates and database upgrades, ensuring zero downtime and improving system reliability.
- Planned, wrote, and debugged web applications, reducing bugs by 35% and enhancing code maintainability.
- Improved application efficiency, data quality, and operational flexibility, resulting in a 20% boost in system performance.
- Implemented systematic code reviews using Golang and ExpressJs, significantly boosting software performance and reducing technical debt by 15%, thereby increasing team efficiency.

Freelance Developer   Apr 2021 - Jan 2023
Backend Developer
- Developed scalable and high-performance web applications for multiple clients, leading to a 20% increase in user satisfaction and a significant boost in client retention.
- Specialized in Golang for backend development, optimizing system performance and maintainability, which led to faster application response times and reduced server costs
- Integrated databases and implemented real-time data processing solutions, enhancing application functionality and enabling seamless data flow for end-users
- Implemented RabbitMQ, gRPC, and Apache Kafka to design and execute system architectures, significantly boosting data handling efficiency and reducing application process latency by 30%.
- Conducted thorough code reviews, ensuring high-quality, maintainable, and efficient code, which led to fewer bugs and smoother deployment cycles

EDUCATION

International Islamic University, Islamabad, Pakistan
Bachelor, Software Engineering

ADDITIONAL INFORMATION

- English (Fluent), Urdu (Fluent), Pashto (Native)