Ananda Fiqri

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OBJECTIVE

With a specialized focus on backend development, I am a full-time full-stack developer proficient in TypeScript, Golang, Python, Rust, and JavaScript. I utilize various technologies like Elasticsearch, message brokers, Apache Cassandra, MongoDB, Postgres, and Redis, ensuring swift integration and adaptability in a dynamic development team.

EXPERIENCES

Senior Backend Developer | Indofund   *July 2023 - Present*

- Achieved a drastic reduction in response time through performance tuning and optimization strategies.
- Established a comprehensive unit testing framework, ensuring code reliability and minimizing bugs.
- Implemented Continuous Integration and Continuous Deployment (CI/CD) pipelines for streamlined development workflows.
- Led the migration of the codebase towards a semi-microservices architecture, enhancing scalability and maintainability.
- Successfully transitioned the codebase from JavaScript to TypeScript and Golang, leveraging the strengths of these languages for improved code quality and developer productivity.
- Implemented a message broker to substitute periodic cron jobs, thereby optimizing server load efficiency and enabling real-time event handling within the application.
- Delay messaging feature was introduced by the implementation of a message broker, which made it possible to schedule messages for delayed processing.
- Spearheaded the adoption of Docker-Compose for swift and efficient development environment setup, expediting project timelines and enhancing collaboration.

Backend Developer | Indofund   *January 2023 – June 2023*

- Strengthened application security by conducting code refactoring, fortifying against potential injection attacks and cross-site scripting (XSS) threats, reduced vulnerability risks and ensured robust defense mechanisms were in place.
- Successfully integrated third-party APIs, enhancing the application's functionality and extending its capabilities
- Reduced vulnerability risks, strengthened against potential injection attacks and cross-site scripting (XSS) threats, refactored code, and made sure strong defense mechanisms were in place in order to strengthen application security.
- Strong authentication procedures were put in place, greatly enhancing application security.

CERTIFICATES

Hacktiv8

- - Fullstack Javascript Immersive   *June 2022 – November 2022*

PROJECTS

Full stack Developer | Forum Gamers   *December 2022 - Present*

- Successfully implemented a microservices architecture utilizing RPC (Remote Procedure Call) and a message broker to efficiently manage and orchestrate requests among services.
- Implemented caching mechanisms using Redis to enhance data retrieval speed and overall system performance
- Developed a real-time chat feature, enabling instant communication within the application.
- Optimized inter-service communication to enhance response times for users, ensuring efficient and seamless interactions between services.
- Utilized Next.js app router to implement server-side rendering, improving the application's SEO performance and providing a better user experience.
- Implemented server actions to uphold data security, ensuring that sensitive information is safeguarded while maintaining the integrity of the application's functionality.

Backend Developer | Hack park   *November 2022 – December 2022*

- Collaborated closely with a team to develop a mobile application, leveraging each member's strengths and expertise for a unified outcome.
- Designed and implemented a user service using PostgreSQL and utilized the sequelize ORM for accelerated development.
- Seamlessly integrated Midtrans for robust and user-friendly payment processing, enhancing the application's functionality with secure and efficient transaction capabilities.

TECHNICAL SKILLS

- Proficient in several communication protocols such as GraphQL, REST, GRPC, WebRTC, WebSocket
- Proficient in several programming language such as Typescript, Golang, Javascript, Rust, and Python
- Experience in working with Message Broker like Apache Kafka or RabbitMQ
- Server-Side Rendering (SSR)
- Server-side security practices
- Strong understanding of database management systems such as PostgreSQL, MySQL, MongoDB, Apache Cassandra, Elasticsearch, and Redis
- Expertise in version control systems like Git
- Proficient in using testing tools such as Jest, Sinon, Supertest, and Testify
- Proficient in using Linux-based system for development
- Familiarity with containerization technologies like Docker
- Knowledge of container orchestration tools like Kubernetes
- Solid understanding of microservice architecture
- Ability to optimize performance and scalability of applications
- Knowledge of machine learning and AI concepts
- Experience in working with cloud service like Amazon Web Service (AWS) and Google Cloud Platform (GCP)
- Ability to write clean, maintainable, and efficient code
- Experience in working with finance or e-commerce system
- Advance knowledge of software architecture and design pattern
- Understanding of Agile development methodologies

SOFT SKILLS

- Capable of working with others and contributing to a team
- Capable of recognizing, analyze, and coming up with original solutions to challenges.
- Capable of thinking creatively, coming up with fresh concepts, and approach tasks in innovative ways.
- Able to adapt to changing situations or job demands with flexibility and openness to new things.
- Able to evaluate information critically and make well-informed decisions.
- Able to take action without needing to be led, seeking opportunities for improvement or problem-solving
- Strong problem solving and debugging skills