Muchamad Coirul Anwar

I am a Full-Stack Developer with nearly **two years** of experience, specializing in backend development. I have a strong passion for exploring and adopting emerging technologies to improve project outcomes. **Ambitious** and **achievement-driven**, I consistently seek opportunities to innovate, optimize performance, and contribute to team success.

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linkedin.com/in/muchamad-coirul-anwar Github Blogs Projects

Work Experience

Mitraplus Infotek
Fullstack Web Development

Dec 2023 - Present (1 year, 4 months)

- Migrated a legacy JavaScript codebase to TypeScript, improving maintainability and reducing runtime errors.
- Increased application performance by **3×** after migrating backend runtime from Node.js to Bun, resulting in faster response times and reduced server load.
- Designed, developed, and maintained web applications across the Trading, Human Resources, and Insurance sectors.
- Integrated web applications with SQL Server Reporting Services (SSRS) to enable dynamic report generation and printable outputs.

Freelance
Frontend Development

May 2023 - June 2023 (2 months)

- Developed custom web applications based on client requirements, with a focus on responsive and user-friendly design.
- Collaborated with stakeholders to gather and analyze requirements for the POLRI dashboard, translating them into clear technical specifications.
- Designed and implemented web interfaces using React, HTML, CSS, and JavaScript.

Education

Indonesia Open University System Information		2024 - 2028
Purwadhika Digital Technology School Web Development		2023 - 2024

Course

Dicoding
AWS Cloud Practitioner Essentials
Oct 2024 - Oct 2027, QLZ9VQ442X5D

dicoding

Skills

Technical Skills

- **Frontend Development**: Proficient in TypeScript, React, Next.js, Redux, Tailwind CSS, and Docker for building responsive, scalable, and maintainable user interfaces.
- **Backend Development**: Proficient in TypeScript, Kotlin, Node.js, Express, Spring Boot, Sequelize, SQL Server, MongoDB, Redis, Docker, and Nginx for developing robust and efficient server-side applications.
- **DevOps**: Skilled in setting up CI/CD pipelines using GitHub Actions to automate testing, building, and deployment workflows.
- **Monitoring & Performance Testing**: Implemented monitoring and load testing solutions using Grafana, Prometheus, and K6 to ensure high availability and performance.
- **Security & Access Control**: Developed secure authentication and authorization systems using JWT, reverse proxy configurations, and rate limiting to protect application resources.
- **API Development**: Designed and implemented RESTful APIs following clean code principles and best practices for maintainable and scalable architecture.

Soft Skills

- Continuously stay updated with emerging technologies to enhance project relevance and innovation.
- Adapt quickly in dynamic environments, demonstrating strong critical thinking and problem-solving abilities.
- Collaborative team player with excellent communication skills and a proactive attitude.
- Capable of mentoring team members and sharing knowledge to support collective growth and development.

Honor & Award

Ministry of Education and Culture
Gold Medalist: National Vocational Skills Competition for Industrial Control in Lombok
May 2018, 26249/MPK.D/PD/2018

Social Activity

Asa Insan Muda Foundation
Volunteer
Feb 2021 - May 2021 (4 months)

- Actively contributed to planning and executing community support events in Jakarta.
- Organized food distribution initiatives for marginalized communities and coordinated teacher empowerment programs to promote education.
- Played a key role in COVID-19 relief efforts, providing outreach and logistical support to assist affected individuals and families.

Languages

- Indonesian — Native
- English — Conversational