

Alexander Theodore

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SUMMARY

Software Engineer with proven expertise in React frontend and scalable Go backend systems. Delivered production-grade web applications, reusable UI components, and performance optimizations (40% faster load). Recently deepened backend architecture via microservices, REST APIs, and async processing (RabbitMQ, Redis). Actively applying AI (CatBoost + ConvNeXt) in real-world data challenges. Ready to contribute clean, maintainable code and technical documentation in a full-time, collaborative environment.

EDUCATION

BINUS University

Bachelor of Computer Science

Tangerang, Indonesia

2021 - 2025

- Graduate with a GPA of 3.5
- Thesis: Improved respiratory disease detection using machine learning on limited & imbalanced lung sound data

WORK/INTERNSHIP EXPERIENCE

PT CERBERUS SINERGI DATASISTEM

Junior Developer

Jakarta, Indonesia

FEB 2024 - FEB 2025

- Delivered 2 production-grade React web apps in 6 months, meeting 100% of deadlines with zero critical defects
- Reduced app downtime by 60% through proactive bug fixing and performance tuning in React codebase
- Designed & implemented reusable UI component library, adopted across 3+ internal projects, boosting dev efficiency by 25%

ORGANIZATIONAL EXPERIENCE

STUDENT CATALYST

Technical Associate

Tangerang, Indonesia

SEP 2023 - SEP 2024

- Built 3+ websites used by 100+ students and volunteers
- Improved site load speed by 40% via media and plugin optimization
- Wrote technical documentation to support team knowledge transfer
- Collaborated with cross-functional teams to deliver innovative technical solutions

CERTIFICATION

BINUS UNIVERSITY

IT Bootcamp Program - Back End Developer

Tangerang, Indonesia

Mei 2025 - Juli 2025

- Developed scalable backend systems using Go (Golang), RESTful APIs, microservices, PostgreSQL, RabbitMQ, and Redis
- Implemented asynchronous processing and database optimization patterns

APPLE DEVELOPER ACADEMY

iOS Foundation Cohort 18

Tangerang, Indonesia

Mar 2023 - Apr 2023

- Developed and maintained iOS applications using Swift, following best practices in code quality, performance, and scalability

SKILLS

Technical Skills

- Languages: JavaScript, Go (Golang), Python, Swift
- Frontend: HTML5, CSS3, React
- Backend: RESTful APIs, Microservices, PostgreSQL
- AI/ML: CatBoost, ConvNeXt, Data Imbalance Handling

Soft Skills: Problem Solving, Analytical Thinking, Team Work, Cross-functional Collaboration, Technical Documentation

Tools: VS Code, Github, Postman, Docker (basic)