

# M Naufal Badruttamam

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## SUMMARY

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Informatics Engineering student at Sepuluh Nopember Institute of Technology (ITS) specializing in software development across iOS, full-stack web applications, and DevOps. Proficient in modern technologies including JavaScript (React, Node.js), PHP, Golang, Python, Swift, and Docker, with experience building and deploying production-ready systems for real-world use cases. Developed intuitive iOS applications with SwiftUI and scalable web solutions with RESTful APIs. Currently exploring artificial intelligence and machine learning to expand technical capabilities and apply them to practical problems. Strong track record of designing efficient, maintainable, and scalable solutions while collaborating in multidisciplinary teams.

## EXPERIENCE

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### Full Stack Developer

AccessTime

Remote, Indonesia

Sept 2025 - present

- Developed LensCore, an open-source, API-first platform for web crawling and automated accessibility testing.
- Published the official LensCore CLI package on npm, enabling developers to run scans with a single command

### iOS Developer

Apple Developer Academy @ UC

Indonesia

Feb 2025 - present

- Developed apps on Apple Platforms (iOS, iPadOS, watchOS) using Swift
- Explored Apple Technologies (AR, RealityKit, AI/ML, GameKit, and others)
- Wireframing, Developing, and Prototyping using Figma

### Software Developer

80&Company

Remote, Japan

Sept 2024 - Okt 2025

- Successfully completed 5 software development projects across various domains
- Collaborated with cross-border teams to achieve 100% on-time delivery rate through disciplined task management and agile methods.
- Contributed to feature planning, UI/UX improvements, and technical documentation to enhance product usability and team workflow.

### Co-Founder and Chief Technology Officer

BengCare

Indonesia

Aug 2024 - Sept 2025

- Received \$10,000 pre-seed funding from Google.
- Designed and implemented an efficient backend architecture to handle high user traffic and ensure scalability.
- Developed CI/CD pipelines for automated deployment across Frontend, Backend, and AI components.
- Configured cloud storage and other infrastructure requirements through automated deployment workflows.
- Managed and mentored a team of up to 2 employees, overseeing project timelines, code quality, and technical strategy.

### Backend Developer

Pekan Olahraga Nasional (PON) XXII 2025

Indonesia

July 2025 - Sept 2025

- Developed backend systems for 24 sports disciplines, implementing database abstraction to minimize redundancy and improve data integrity.
- Designed the system for high maintainability and scalability, enabling easier future development and feature expansion.

### Backend Developer

SPMB Jawa Timur 2023 - 2025

Indonesia

April 2023 - July 2025

- Developed and maintained a high-performance backend system accessed by over 600,000 registered users and more than 1 million public visitors, ensuring stability and scalability under heavy load.
- Initiated and planned a backend refactor from Laravel to Golang to reduce infrastructure costs and improve concurrency handling
- Led weekly agile sprints, coordinating task distribution across the team and ensuring all milestones were delivered on time.

## Backend Developer

Kalonade株式会社

Remote, Japan  
Feb 2025 - April 2025

- Developed backend services using Golang with gRPC for efficient communication between microservices.
- Collaborated closely with the Japanese development team to deliver all assigned tasks on schedule.

## Software Developer

PT Aksamedia Mulia Digital

Indonesia  
July 2024 - Dec 2024

- Developed a UTBK (Computer-Based Written Exam) training system to help students prepare for admission to Indonesian public universities
- Collaborated effectively with both the development team and management to ensure smooth project execution.

## Backend Developer

Direktorat Pengembangan Teknologi dan Sistem Informasi ITS

Indonesia  
March 2024 - Sep 2024

- Developed an attendance system for university courses, designed to serve 27,000+ users across multiple faculties.
- Implemented a modular monolithic architecture to simplify future feature development and system maintenance.

## Software Engineer

Filin Movie

Indonesia  
July 2023 - April 2024

- Integrated Face Recognition System with Backend services to ensure only a single authorized user could watch each video, preventing account sharing and unauthorized viewing.
- Developed a video uploading system with a queue processing architecture using RabbitMQ, ensuring efficient handling of large media files and preventing server overload.

## PROJECTS

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### Golang Boilerplate - GitHub

- Created an open-source project on GitHub that has received 140+ stars and an average of 120+ daily views.
- Attracted contributions from developers across multiple countries, fostering a global open-source community.

### TPKA ITS - Test Application for Higher Education Admission at ITS

- Refactored the system from CodeIgniter to Laravel, taking into account security, performance, and scalability.
- Enhanced overall system reliability and maintainability, ensuring smooth operations during high-volume test sessions at Institut Teknologi Sepuluh Nopember (ITS).

## EDUCATION

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### SEPULUH NOPEMBER INSTITUTE OF TECHNOLOGY

Bachelor of Computer Science

Cumulative GPA: 3.76/4.0  
Graduation 2025

## AWARDS

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### Big Bang Award

Issued by Bangkit Incubation

Feb 2024

- Awarded for having the best digital marketing during the incubation phase.
- Covered by 36 media organizations including: Times Indonesia, Kompasiana, Kominfo, Jatim Times, and more.

### Best Team at Bangkit Entrepreneur Track

Issued by Bangkit Academy led by Google, Tokopedia, Gojek, & Traveloka

July 2024

- Received \$10,000 funding for BengCare.

### Funding Award - IYT ITS

Issued by Institut Teknologi Sepuluh Nopember (ITS)

July 2023

- Secured Rp10,000,000 funding for the Kuliku team to support product development and market expansion.

## SKILLS & INTEREST

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**Technical:** Project Management, Jira, Trello, GitHub, Machine Learning, Data Analysis, Data Visualization, Software Development, Frontend, NextJS, React, Tailwind, Backend, Express.js, NestJS, FastAPI, Laravel, PrismaORM, DevOps,

Github Actions, Docker, Nginx, Apache HTTP Server, Google Cloud Platform (GCP), Amazon Web Services (AWS), Microsoft Azure Cloud, DigitalOcean, iOS Development, Swift, Golang, C, C++, Python, JavaScript, TypeScript, PHP, Java, HTML, CSS.

**Soft skills:** Problem Solving, Critical Thinking, Project Management, Time Management, Fast Learner, Responsive.