

YUSAB A. NAUFAL

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A software developer with a year's experience. Interested in backend engineering and cybersecurity.

EDUCATION

UNIVERSITAS GADJAH MADA
 B.Sc, Aquatic Resource Management 2018 - 2023
 Research: Sea Surface Temperature and Chlorophyll-A Concentration Dynamics in the Malacca Strait from 2003 to 2020.
 GPA: 3.21

PROFESSIONAL EXPERIENCE

FAIRTECH PTE LTD. Singapore
 Backend Engineer September 2023 - June 2024

- Developed Java-based (Grails) web applications, leveraging microservices architecture. Contributed to testing and deployment. Collaborated with cross-functional teams to build quality assurance (QA) automation.
 - Successfully completed two projects using a Java-based framework with no client complaints.
 - Completed an automation project for ISO:27001 document compliance.
 - Established a knowledge-sharing session impacting 30 employees.

UNIVERSITAS GADJAH MADA Yogyakarta, Indonesia
 Teaching Assistant August 2021 - February 2023

- Developed course materials, assignments, and evaluation processes. Led a mentoring cohort spanning more than 150 individuals. Organized guest lectures featuring several researchers in Biotechnology. Scheduled weekly meetings, practices, and exams for students.
- Mentored and assisted students in working on dissertations and laboratory reports. Provided consulting services in particular areas such as biotechnology and programming-based geographic processing.

INTERNSHIPS

- The Ministry of Marine Affairs and Fisheries** December 2020 – February 2021
Created a new layout for the fish auction annual report. Conducted findings and implemented improvements in administrative and data analysis workflows. Created reports on daily fish catch rates and retribution for tracking fishermen’s activities. Improved administrative processes from 3+ hours to 1 hour.
- PT Perikanan Indonesia** December 2018 – February 2019
Analyzed prawn sales growth from 2012 to 2017, 5-14% each year. Processed data on physical, chemical, and biological prawn farming. Gained hands-on experience in prawn farming and pond maintenance under variable weather conditions.

LEADERSHIPS

- GADJAH MADA DIVING SOCIETY – Yogyakarta, Indonesia** 2019 - 2023
Spearheaded a national diving webinar (2020) in collaboration with PADI, POSSI, DAN, and SEA Games athletes, impacting over 200 participants. Partnered with dive centers in Yogyakarta, Bali, Karimunjawa, and Situbondo.
- INDONESIAN FISHERIES STUDENT ASSOCIATION – Yogyakarta, Indonesia** 2018 - 2020
Fostered an open and inclusive atmosphere within the association during discussions on socio-economic issues in the fisheries sector. Organized two national seminars at UGM from February to April 2019, attended by the Ministry of the Environment and Forestry and professors from related fields.

ADDITIONAL INFORMATION

- Technical Skills:** Java, JS, git, AWS, GCP, microservices model, Docker containerization, databases (MySQL and NoSQL), message queueing, build tools.
- Certifications and Courses:** Google Arcade Facilitator by Dicoding (2024), AWS Cloud Practitioner (2024), Google Data Analytics by Coursera (2023), TOEFL (577).
- Research:** Analysis of fish and coral reef biodiversity in the Kangean Islands as a reference for corporate social responsibility, in direct collaboration with Perum Perhutani (2022).